

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
 Data File : VD065873.D
 Acq On : 26 Jun 2020 10:44
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 26 18:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	240592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	213918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101908	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	8456	5.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.16%	
35) Dibromofluoromethane	7.91	113	8321	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	
50) Toluene-d8	10.34	98	28960	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.63	95	9223	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	7762	5.618	ug/l 94
3) Chloromethane	2.21	50	10372	5.299	ug/l 95
4) Vinyl Chloride	2.35	62	11659	5.489	ug/l # 78
5) Bromomethane	2.77	94	8258	5.953	ug/l # 72
6) Chloroethane	2.92	64	7589	5.573	ug/l # 87
7) Trichlorofluoromethane	3.27	101	14138	5.165	ug/l 91
8) Diethyl Ether	3.71	74	3718	5.333	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	7987	5.214	ug/l # 88
10) Methyl Iodide	4.30	142	5592	3.930	ug/l # 92
11) Tert butyl alcohol	5.22	59	2435	28.990	ug/l # 69
12) 1,1-Dichloroethene	4.07	96	7239	4.977	ug/l 96
13) Acrolein	3.92	56	2990	27.923	ug/l 90
14) Allyl chloride	4.72	41	10621	4.699	ug/l 95
15) Acrylonitrile	5.43	53	6915	22.786	ug/l 89
16) Acetone	4.16	43	7491	25.032	ug/l 93
17) Carbon Disulfide	4.41	76	25054	5.222	ug/l 99
18) Methyl Acetate	4.73	43	3650	5.720	ug/l # 64
19) Methyl tert-butyl Ether	5.46	73	7491	2.403	ug/l # 90
20) Methylene Chloride	4.97	84	11500	6.342	ug/l # 93
21) trans-1,2-Dichloroethene	5.47	96	8266	5.048	ug/l 91
22) Diisopropyl ether	6.36	45	21645	4.648	ug/l 95
23) Vinyl Acetate	6.31	43	59022	21.817	ug/l # 92
24) 1,1-Dichloroethane	6.26	63	14286	5.059	ug/l 95
25) 2-Butanone	7.21	43	9220	23.194	ug/l # 86
26) 2,2-Dichloropropane	7.21	77	13155	5.132	ug/l 97
27) cis-1,2-Dichloroethene	7.22	96	9410	5.345	ug/l 91
28) Bromochloromethane	7.55	49	5208	5.018	ug/l 100
29) Tetrahydrofuran	7.57	42	6430	26.111	ug/l # 74
30) Chloroform	7.71	83	15361	5.153	ug/l 85
31) Cyclohexane	7.98	56	16039	5.965	ug/l # 81
32) 1,1,1-Trichloroethane	7.91	97	13690	4.945	ug/l 98
36) 1,1-Dichloropropene	8.11	75	11146	4.694	ug/l 92
37) Ethyl Acetate	7.30	43	4266	4.714	ug/l # 84
38) Carbon Tetrachloride	8.10	117	12710	5.027	ug/l # 89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
 Data File : VD065873.D
 Acq On : 26 Jun 2020 10:44
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 26 18:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	13313	4.804	ug/l	95
40) Benzene	8.36	78	30615	4.679	ug/l	99
41) Methacrylonitrile	7.53	41	2690	4.786	ug/l #	57
42) 1,2-Dichloroethane	8.43	62	9477	4.954	ug/l	98
43) Isopropyl Acetate	8.46	43	7943	4.532	ug/l #	57
44) Trichloroethene	9.11	130	9102	5.226	ug/l	91
45) 1,2-Dichloropropane	9.38	63	7278	4.610	ug/l	95
46) Dibromomethane	9.47	93	4088	4.806	ug/l	95
47) Bromodichloromethane	9.66	83	10674	4.609	ug/l	92
48) Methyl methacrylate	9.46	41	3769	4.401	ug/l	98
49) 1,4-Dioxane	9.47	88	714	75.448	ug/l #	76
51) 4-Methyl-2-Pentanone	10.23	43	21098	23.847	ug/l	98
52) Toluene	10.40	92	19666	4.683	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	10891	5.095	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	12278	4.800	ug/l #	87
55) 1,1,2-Trichloroethane	10.80	97	5537	4.852	ug/l	92
56) Ethyl methacrylate	10.66	69	6035	4.268	ug/l	95
57) 1,3-Dichloropropane	10.95	76	9122	4.508	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.94	63	15116	24.422	ug/l	94
59) 2-Hexanone	10.98	43	14234	22.758	ug/l	95
60) Dibromochloromethane	11.14	129	7618	4.950	ug/l	97
61) 1,2-Dibromoethane	11.25	107	5389	4.858	ug/l	100
64) Tetrachloroethene	10.87	164	6998	5.032	ug/l #	85
65) Chlorobenzene	11.67	112	21409	5.075	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.75	131	8071	5.164	ug/l	99
67) Ethyl Benzene	11.74	91	37368	4.777	ug/l	92
68) m/p-Xylenes	11.86	106	27363	9.170	ug/l	98
69) o-Xylene	12.18	106	12709	4.752	ug/l	93
70) Styrene	12.20	104	21070	4.502	ug/l	98
71) Bromoform	12.37	173	4314	5.181	ug/l #	98
73) Isopropylbenzene	12.48	105	33797	4.637	ug/l	99
74) N-amyl acetate	12.29	43	7459	4.687	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	6022	5.012	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	3271	3.872	ug/l	55
77) Bromobenzene	12.77	156	8506	5.185	ug/l	92
78) n-propylbenzene	12.83	91	41389	4.703	ug/l	99
79) 2-Chlorotoluene	12.91	91	22642	4.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	28845	4.750	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	1894	4.616	ug/l	96
82) 4-Chlorotoluene	13.01	91	24078	4.630	ug/l	94
83) tert-Butylbenzene	13.23	119	23589	4.570	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	26871	4.447	ug/l	98
85) sec-Butylbenzene	13.41	105	34394	4.717	ug/l	99
86) p-Isopropyltoluene	13.52	119	29310	4.377	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	15703	4.914	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	15934	4.988	ug/l	92
89) n-Butylbenzene	13.85	91	30323	4.671	ug/l	96
90) Hexachloroethane	14.11	117	6820	5.052	ug/l	88
91) 1,2-Dichlorobenzene	13.90	146	13395	4.797	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	700	3.637	ug/l #	52

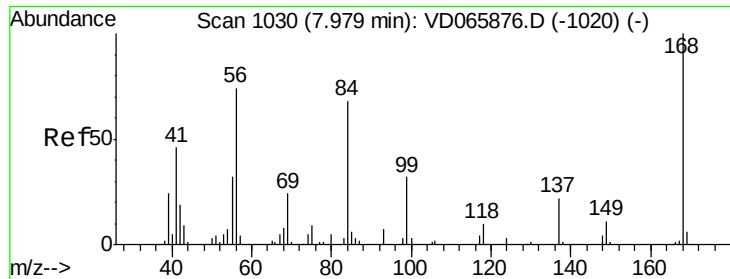
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD062620\
Data File : VD065873.D
Acq On : 26 Jun 2020 10:44
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jun 26 18:36:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 18:33:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	8190	4.540	ug/l	92
94) Hexachlorobutadiene	15.27	225	5467	5.509	ug/l	98
95) Naphthalene	15.41	128	15278	4.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	7033	4.719	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

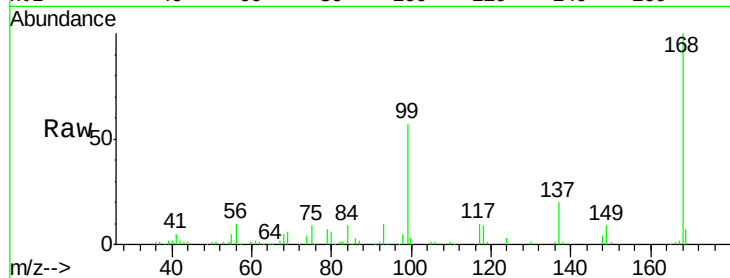
VSTDIC005

Tgt Ion: 168 Resp: 146251

Ion Ratio Lower Upper

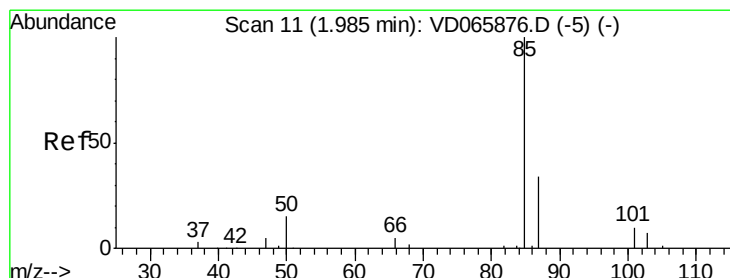
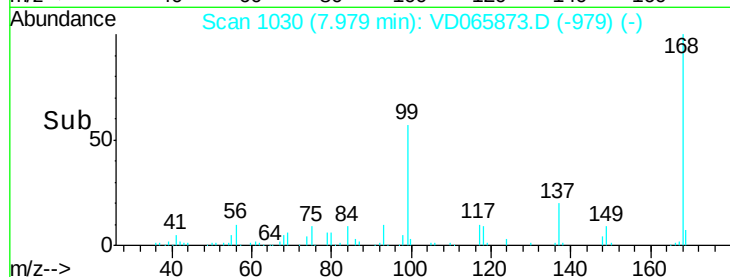
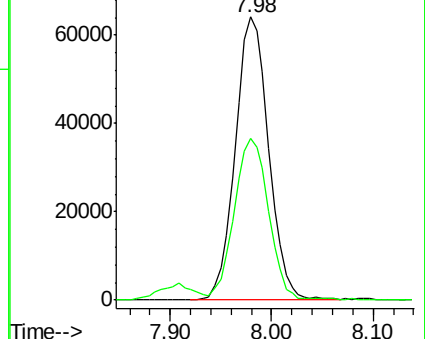
168 100

99 56.7 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.618 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065873.D

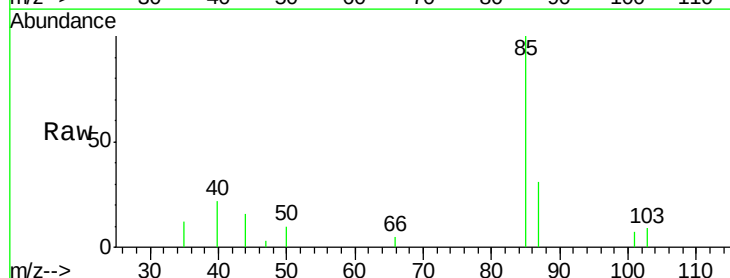
Acq: 26 Jun 2020 10:44

Tgt Ion: 85 Resp: 7762

Ion Ratio Lower Upper

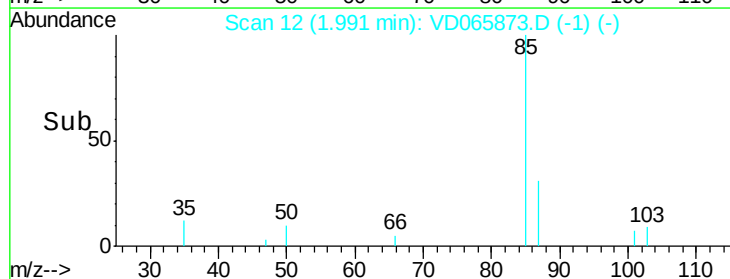
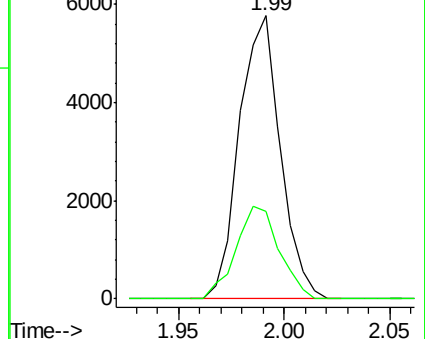
85 100

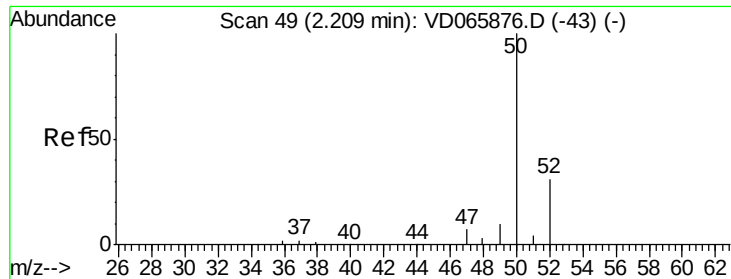
87 31.1 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.299 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

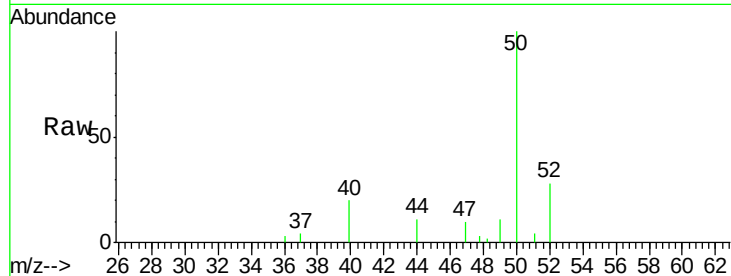
VSTDIC005

Tgt Ion: 50 Resp: 10372

Ion Ratio Lower Upper

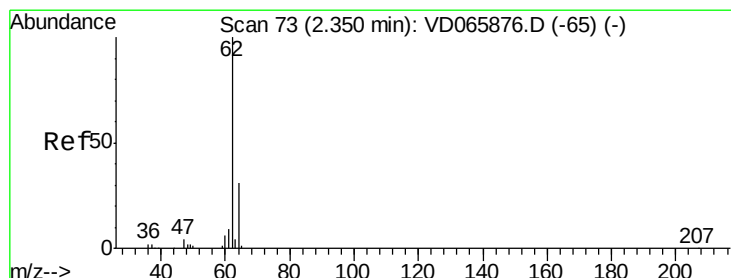
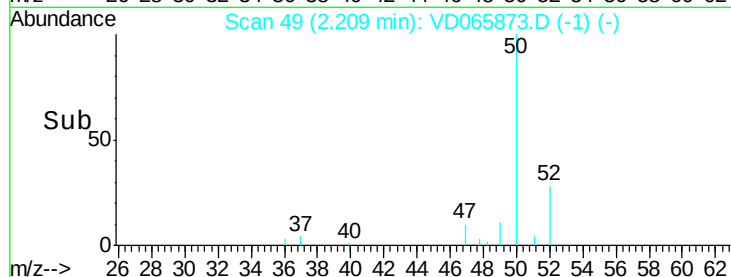
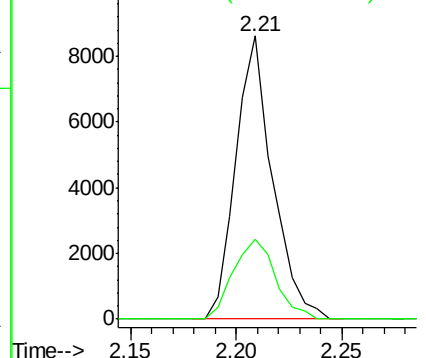
50 100

52 28.3 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 5.489 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065873.D

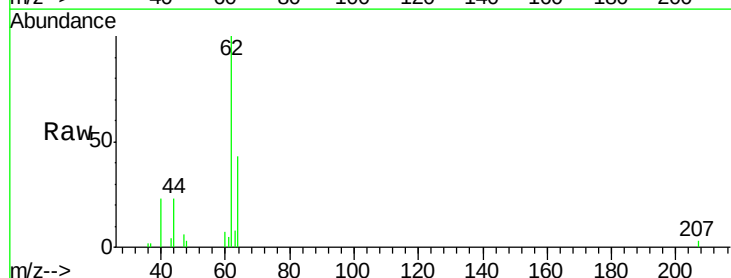
Acq: 26 Jun 2020 10:44

Tgt Ion: 62 Resp: 11659

Ion Ratio Lower Upper

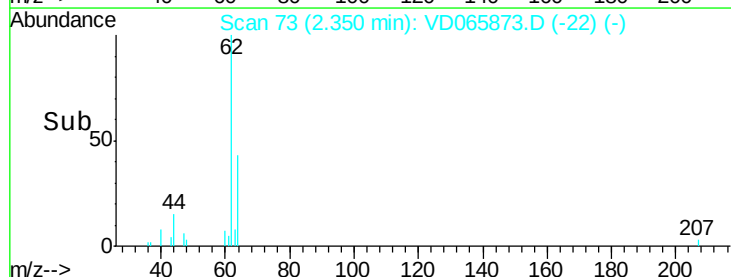
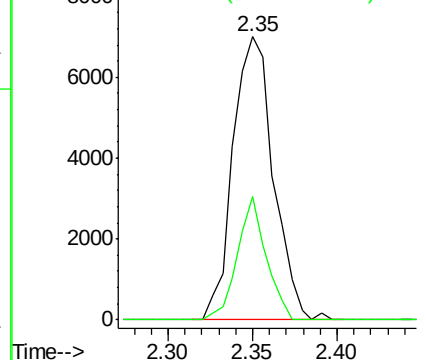
62 100

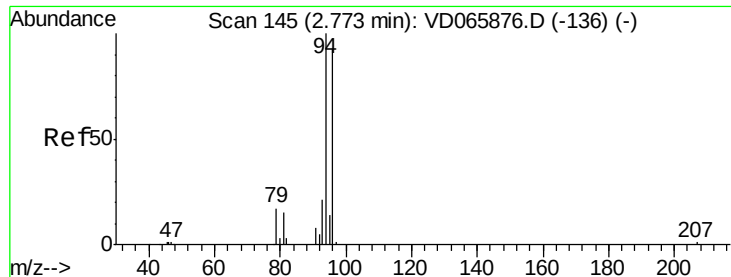
64 43.4 25.0 37.4#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.953 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

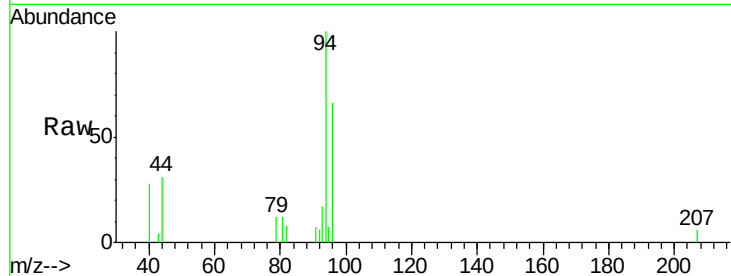
VSTDIC005

Tgt Ion: 94 Resp: 8258

Ion Ratio Lower Upper

94 100

96 66.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

4000

3000

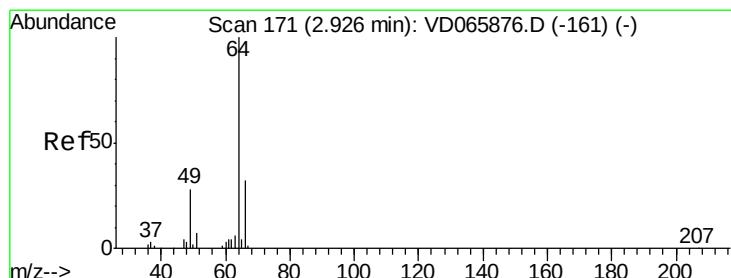
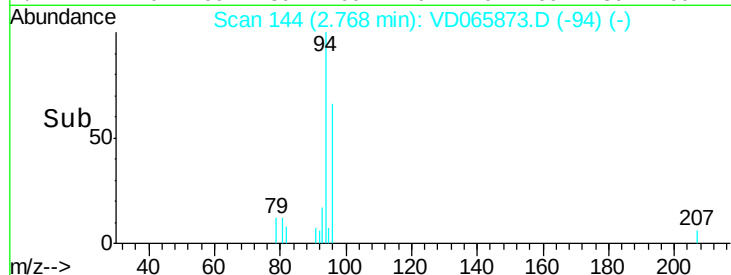
2000

1000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 5.573 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065873.D

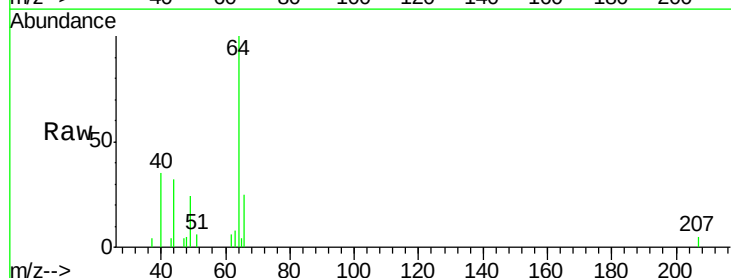
Acq: 26 Jun 2020 10:44

Tgt Ion: 64 Resp: 7589

Ion Ratio Lower Upper

64 100

66 24.8 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

4000

3000

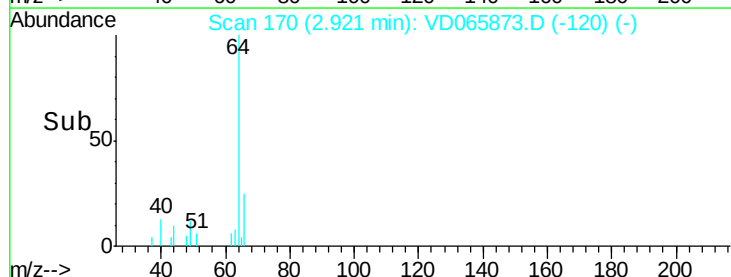
2000

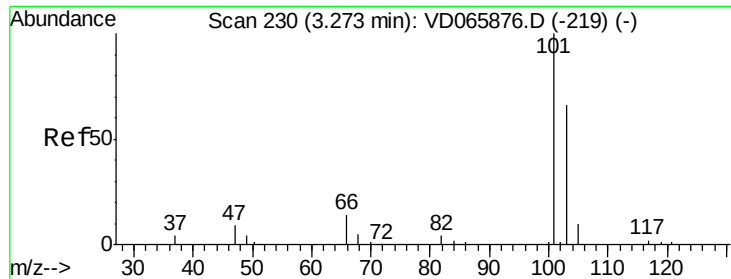
1000

0

Time-->

2.85 2.90 2.95 3.00



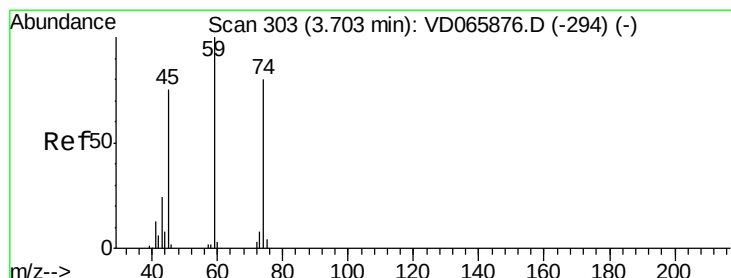
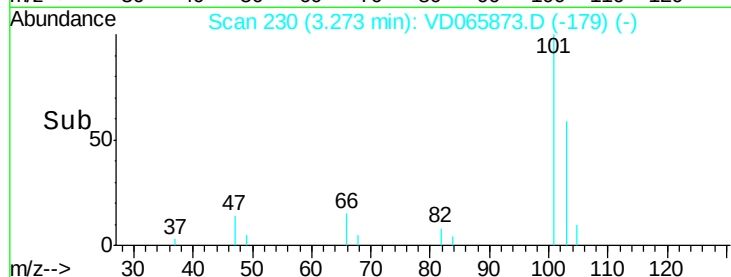
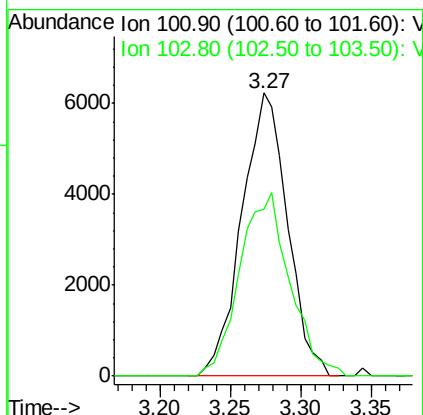
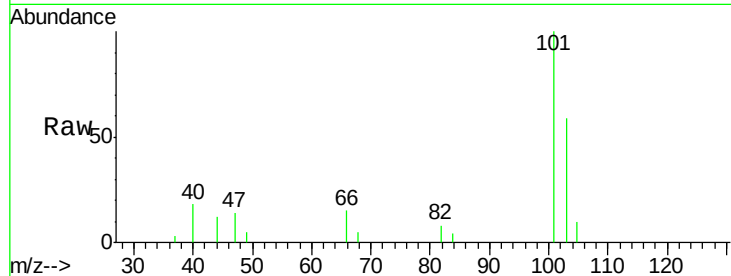


#7

Trichlorofluoromethane
 Concen: 5.165 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

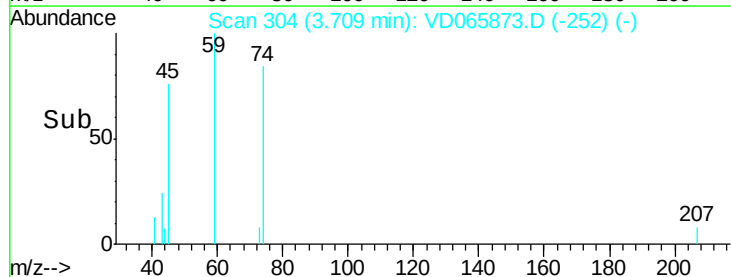
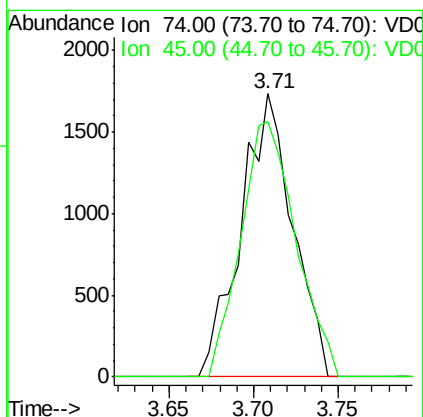
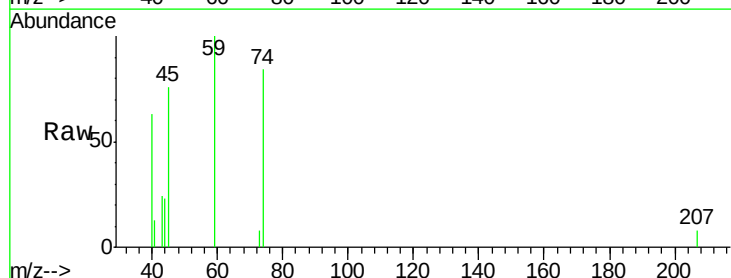
Tgt Ion:101 Resp: 14138
 Ion Ratio Lower Upper
 101 100
 103 59.0 52.9 79.3

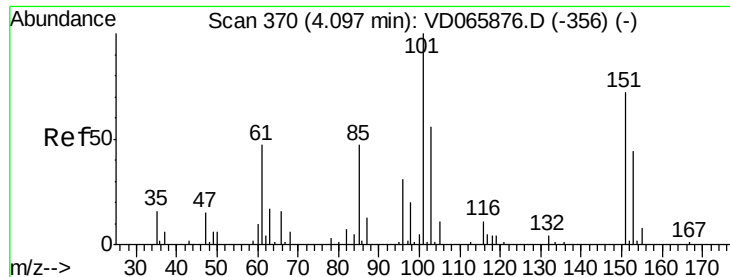


#8

Diethyl Ether
 Concen: 5.333 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 74 Resp: 3718
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.214 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

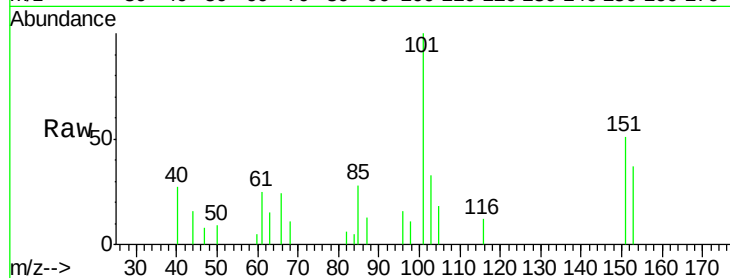
Tgt Ion:101 Resp: 7987

Ion Ratio Lower Upper

101 100

85 31.2 38.6 58.0#

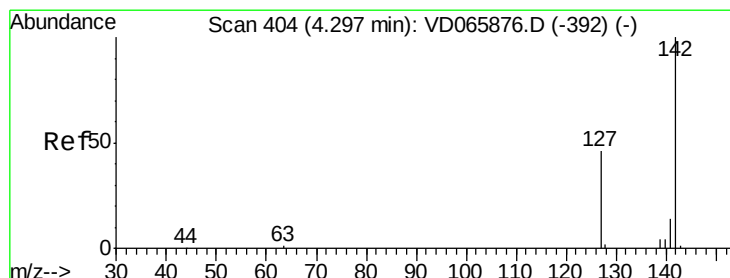
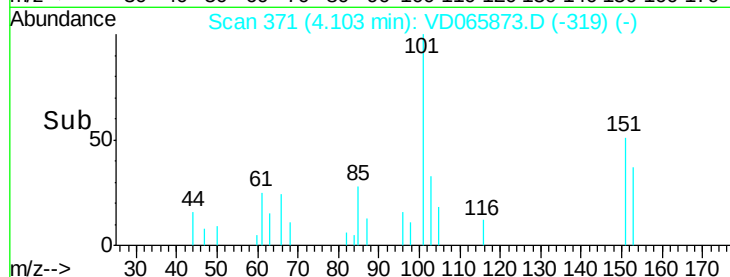
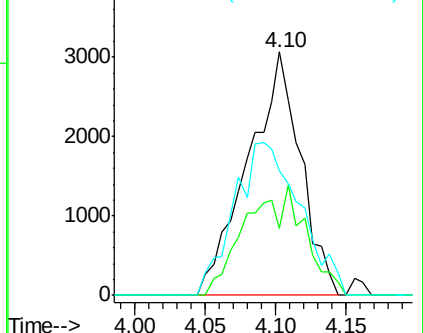
151 78.6 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.930 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

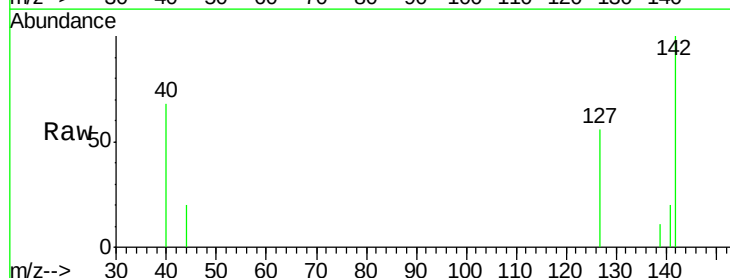
Tgt Ion:142 Resp: 5592

Ion Ratio Lower Upper

142 100

127 44.7 39.0 58.6

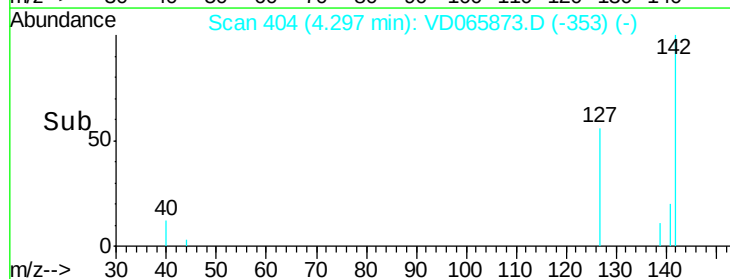
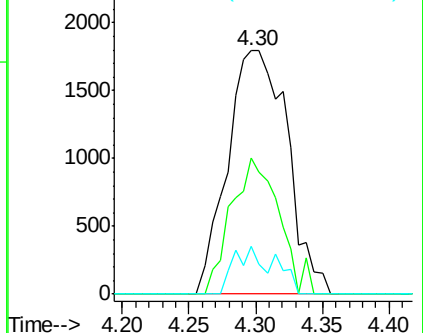
141 9.0 11.5 17.3#

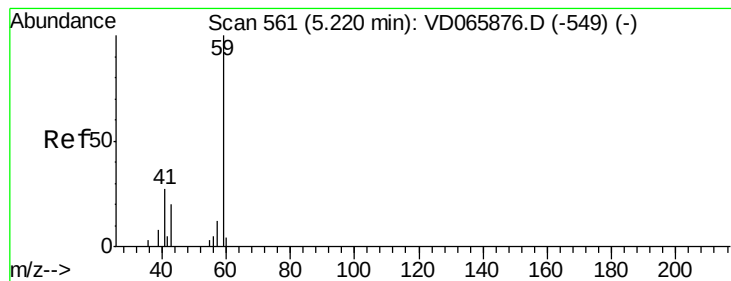


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



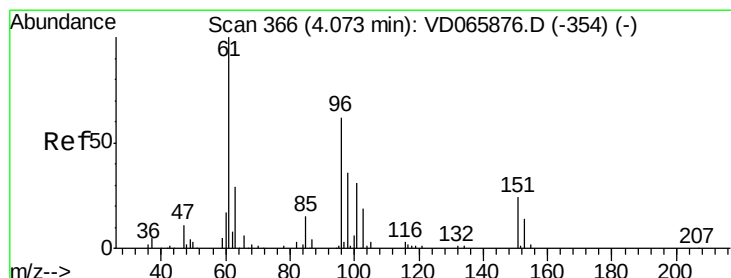
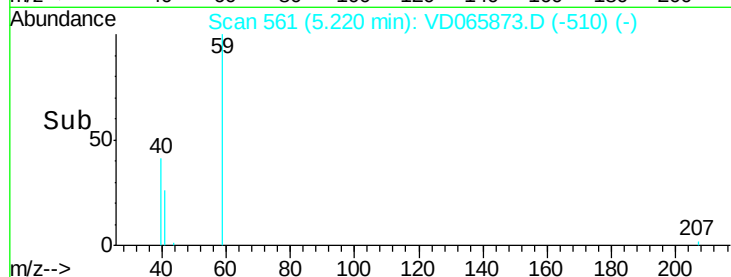
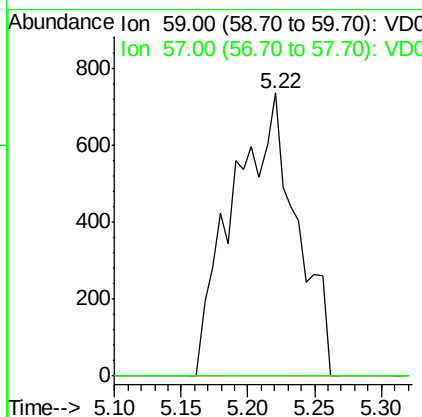
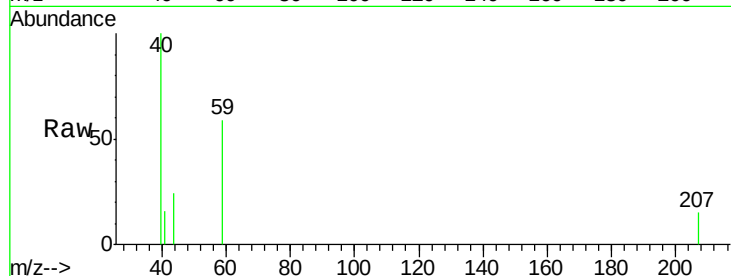


#11

Tert butyl alcohol
Concen: 28.990 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

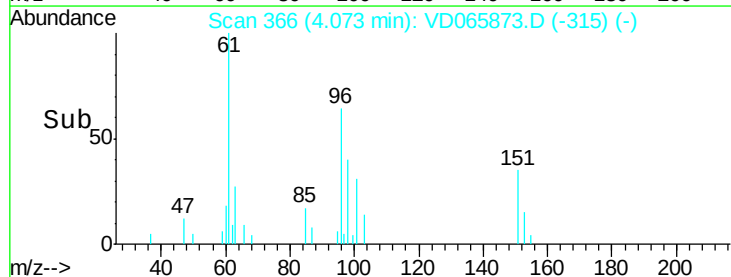
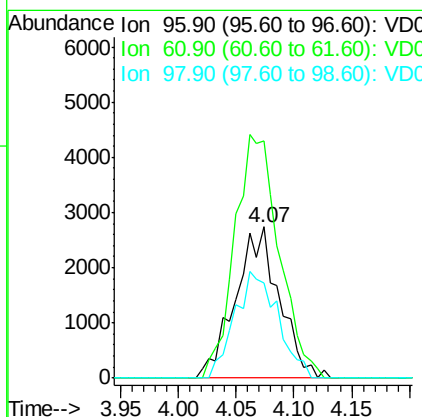
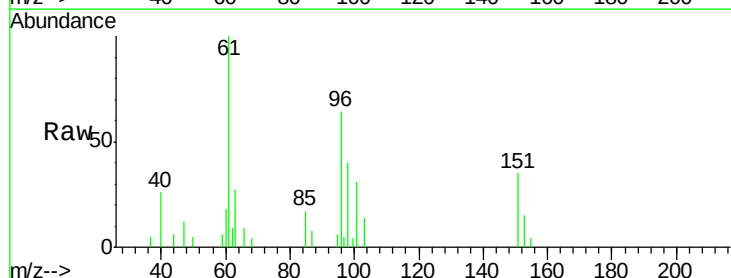
Tgt Ion: 59 Resp: 2435
Ion Ratio Lower Upper
59 100
57 0.0 9.7 14.5#

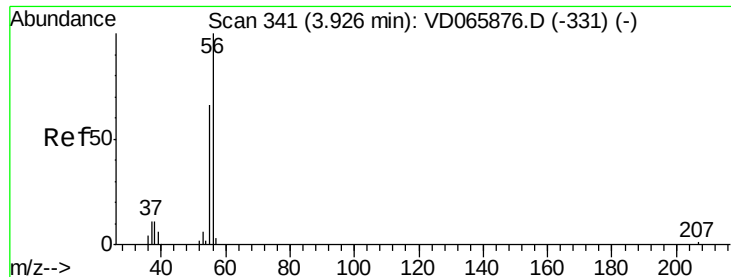


#12

1,1-Dichloroethene
Concen: 4.977 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 96 Resp: 7239
Ion Ratio Lower Upper
96 100
61 157.0 128.3 192.5
98 63.4 46.2 69.2





#13

Acrolein

Concen: 27.923 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

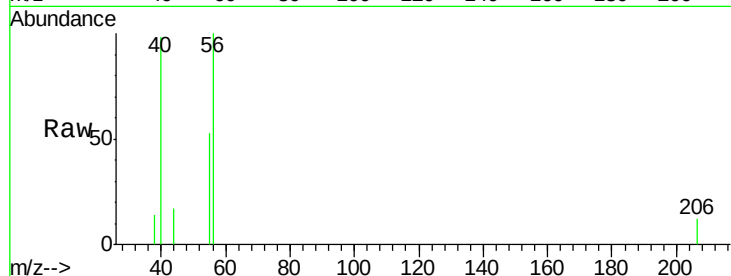
VSTDIC005

Tgt Ion: 56 Resp: 2990

Ion Ratio Lower Upper

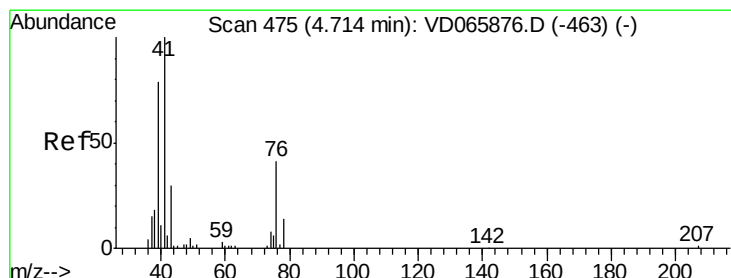
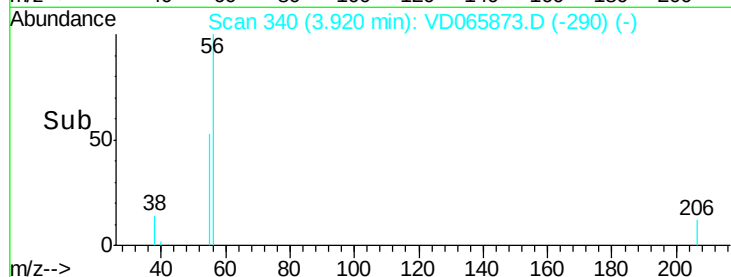
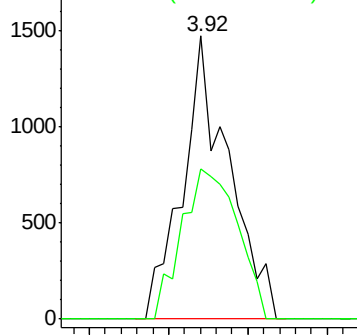
56 100

55 64.1 58.1 87.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.699 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

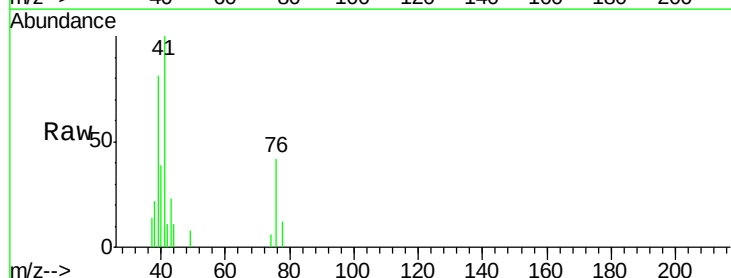
Tgt Ion: 41 Resp: 10621

Ion Ratio Lower Upper

41 100

39 85.0 63.8 95.8

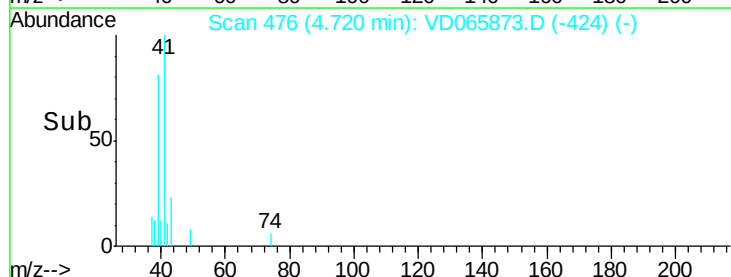
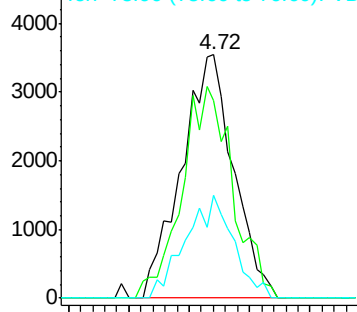
76 38.3 32.2 48.4

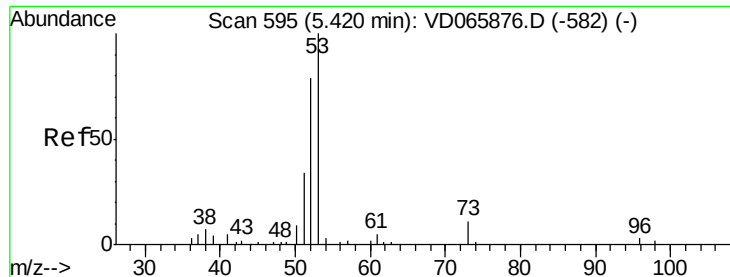


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 22.786 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

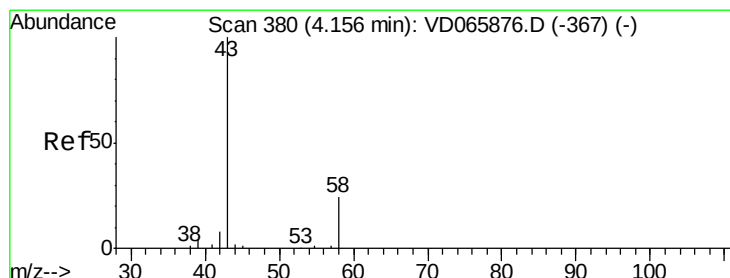
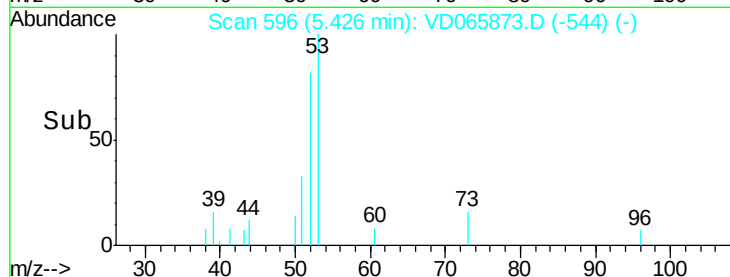
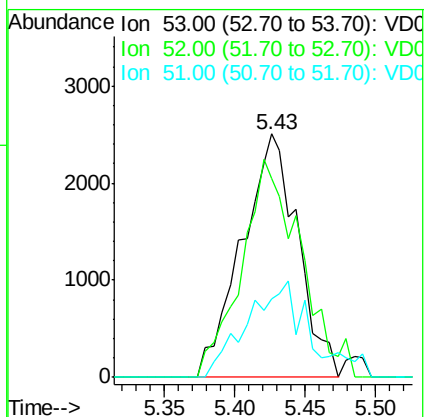
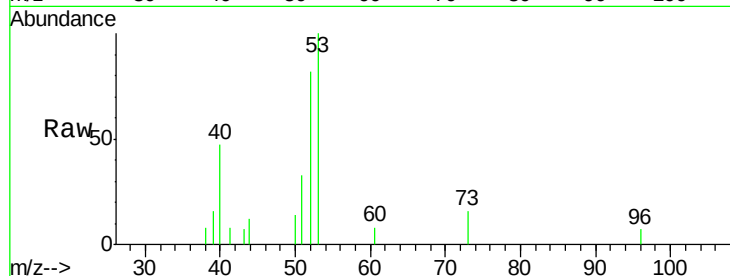
Tgt Ion: 53 Resp: 6915

Ion Ratio Lower Upper

53 100

52 95.2 66.3 99.5

51 40.1 29.9 44.9



#16

Acetone

Concen: 25.032 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065873.D

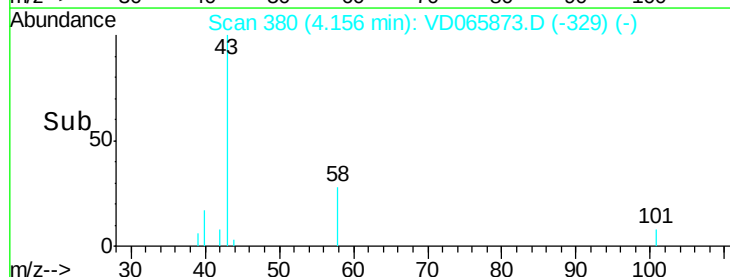
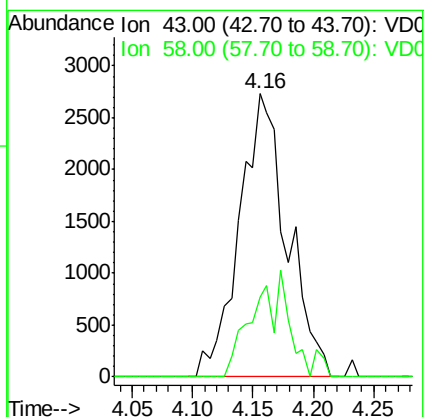
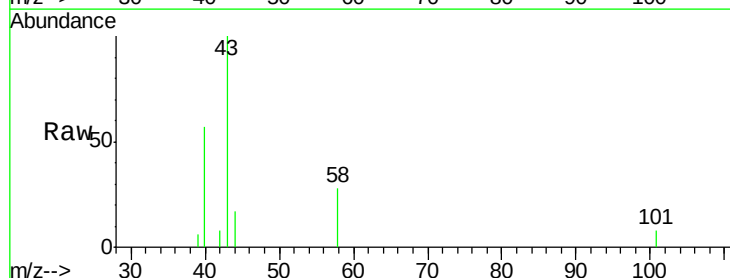
Acq: 26 Jun 2020 10:44

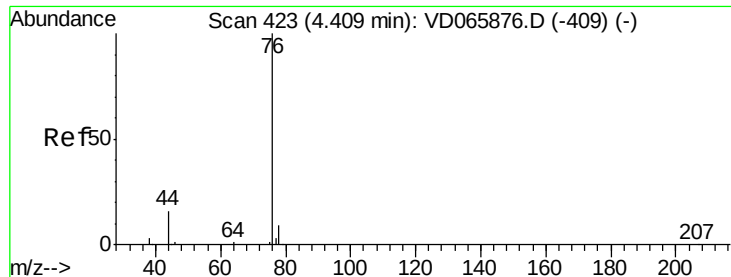
Tgt Ion: 43 Resp: 7491

Ion Ratio Lower Upper

43 100

58 28.1 19.5 29.3





#17

Carbon Disulfide

Concen: 5.222 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

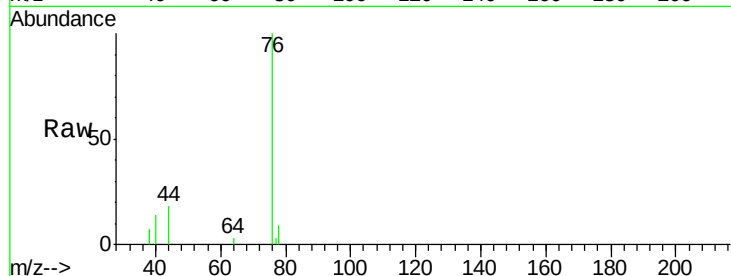
VSTDIC005

Tgt Ion: 76 Resp: 25054

Ion Ratio Lower Upper

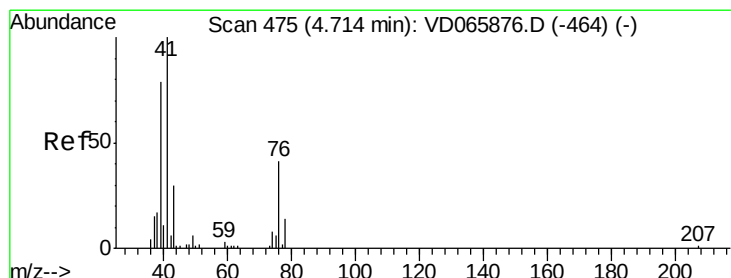
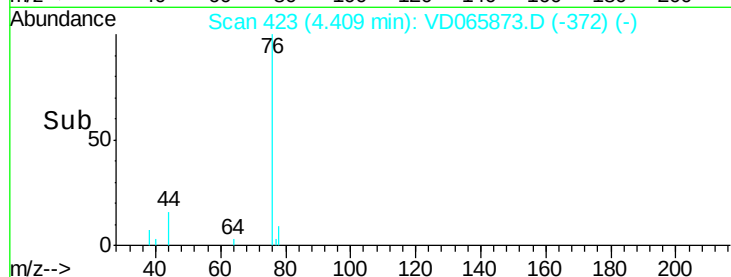
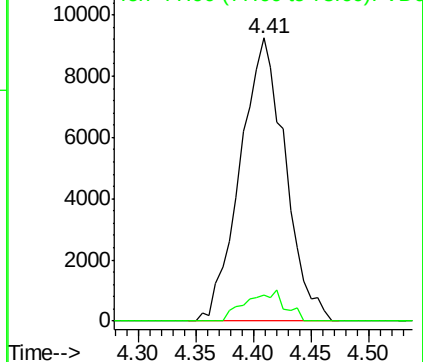
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 5.720 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065873.D

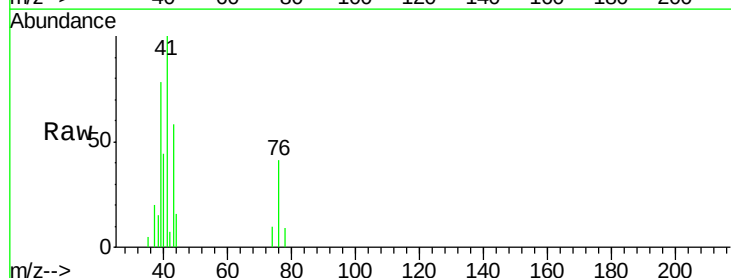
Acq: 26 Jun 2020 10:44

Tgt Ion: 43 Resp: 3650

Ion Ratio Lower Upper

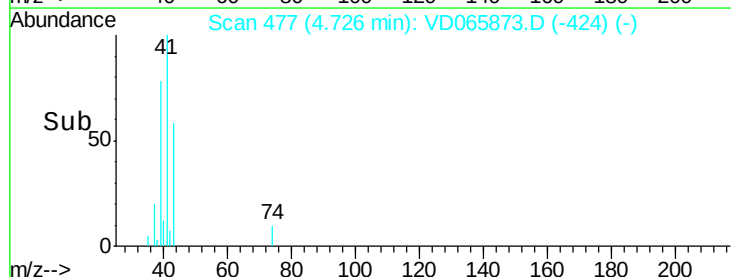
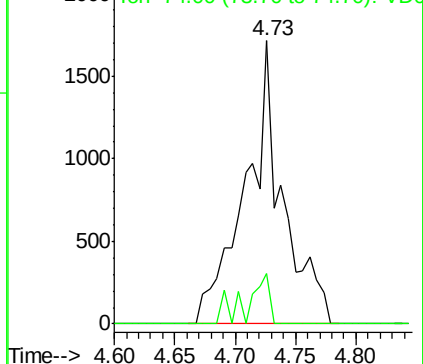
43 100

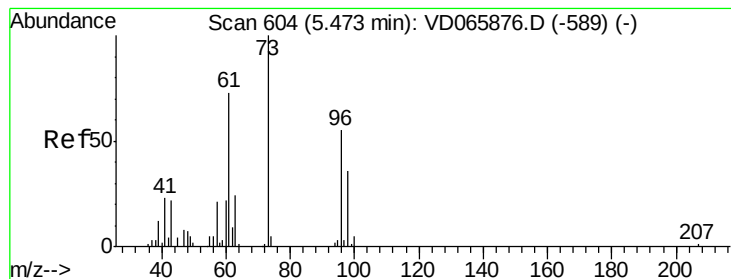
74 6.9 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 2.403 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

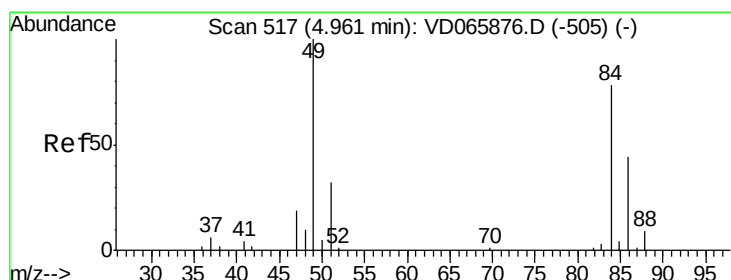
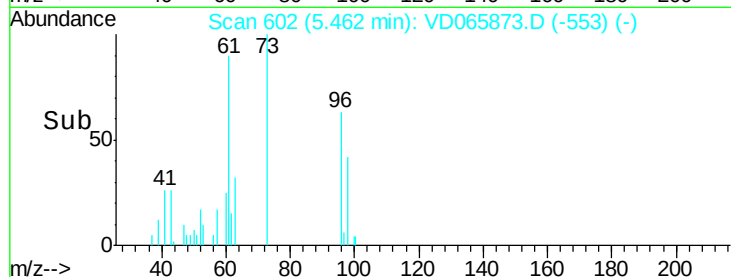
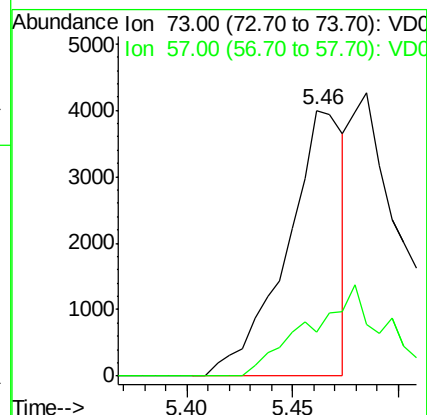
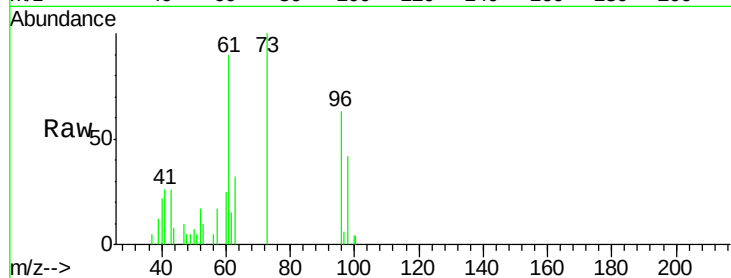
VSTDIC005

Tgt Ion: 73 Resp: 7491

Ion Ratio Lower Upper

73 100

57 16.5 17.0 25.4#



#20

Methylene Chloride

Concen: 6.342 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Tgt Ion: 84 Resp: 11500

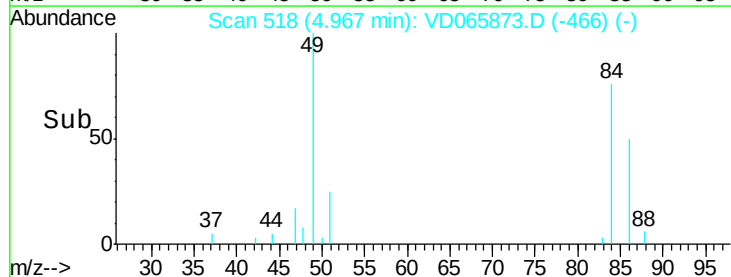
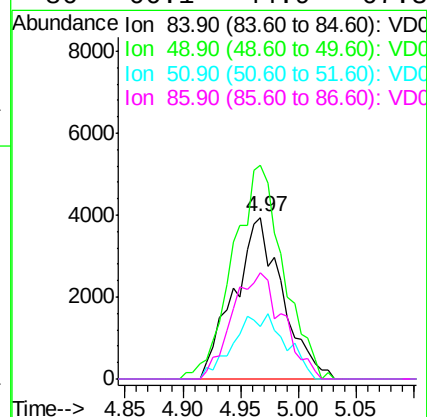
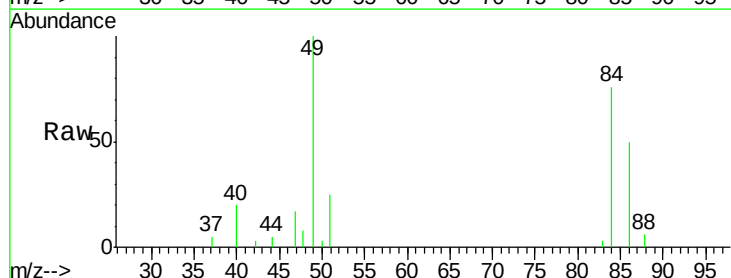
Ion Ratio Lower Upper

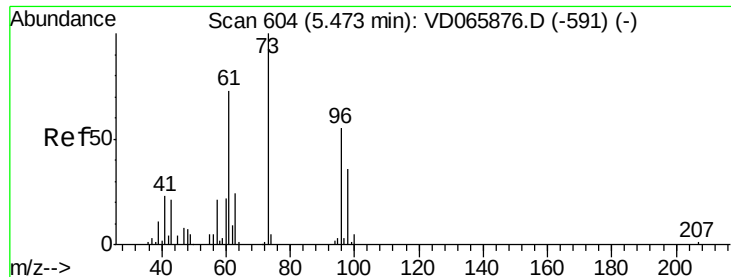
84 100

49 132.1 103.0 154.6

51 32.5 32.7 49.1#

86 66.1 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 5.048 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

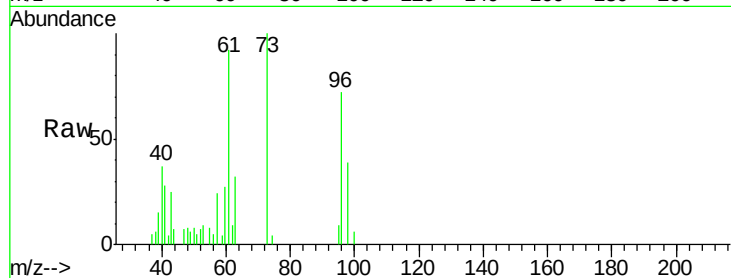
Tgt Ion: 96 Resp: 8266

Ion Ratio Lower Upper

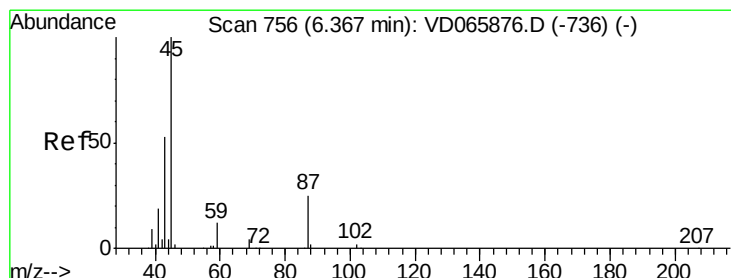
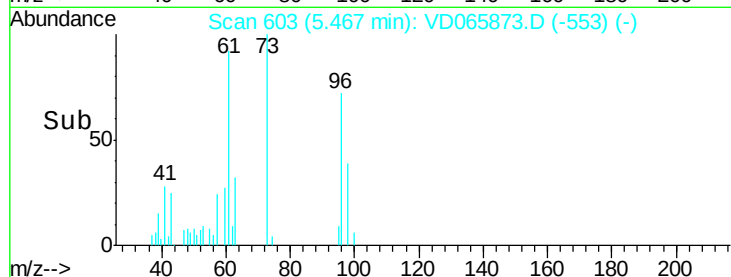
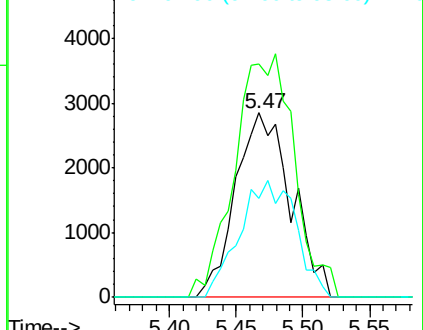
96 100

61 126.6 107.0 160.4

98 53.5 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 4.648 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Tgt Ion: 45 Resp: 21645

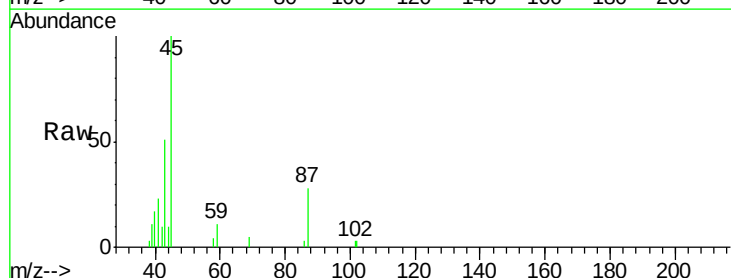
Ion Ratio Lower Upper

45 100

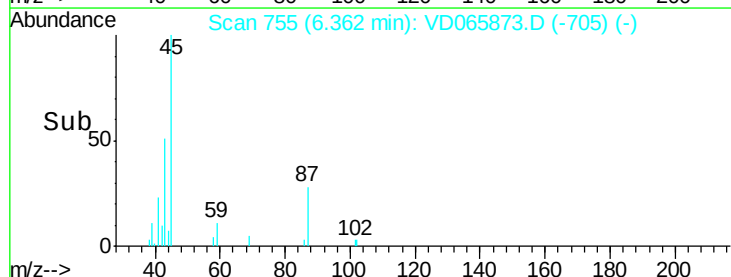
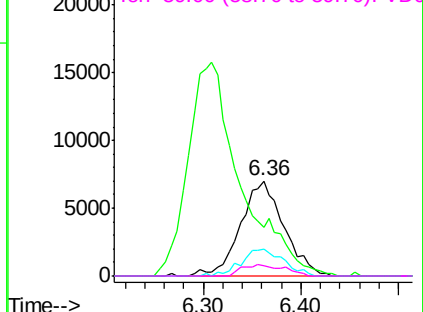
43 50.6 43.4 65.0

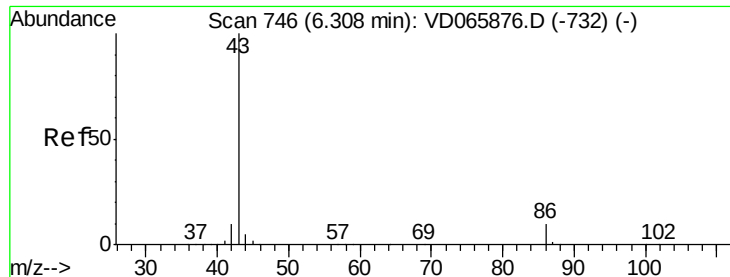
87 28.1 19.8 29.8

59 10.7 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 21.817 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

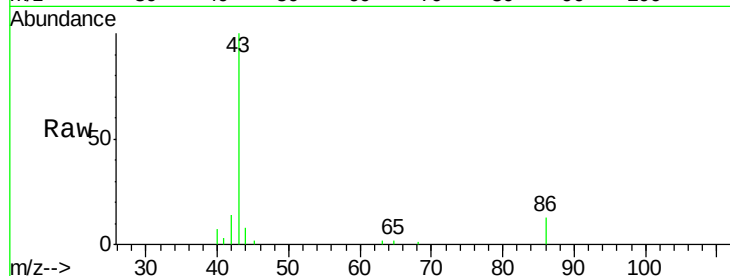
VSTDIC005

Tgt Ion: 43 Resp: 59022

Ion Ratio Lower Upper

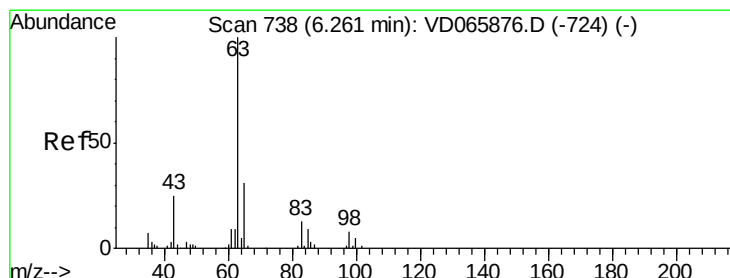
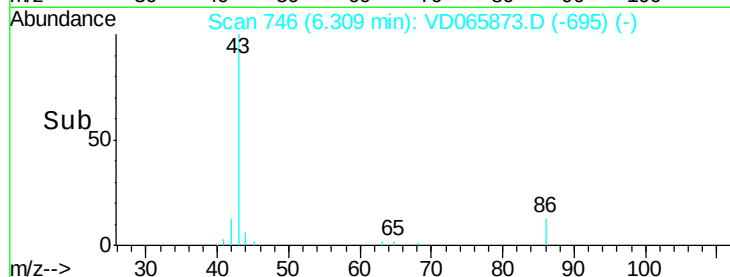
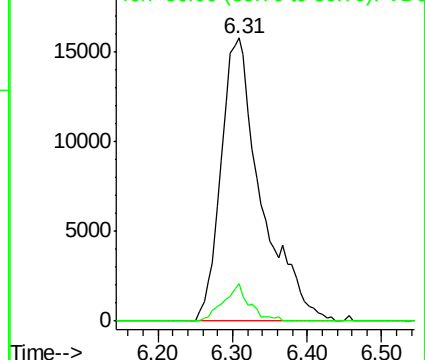
43 100

86 13.1 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.059 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

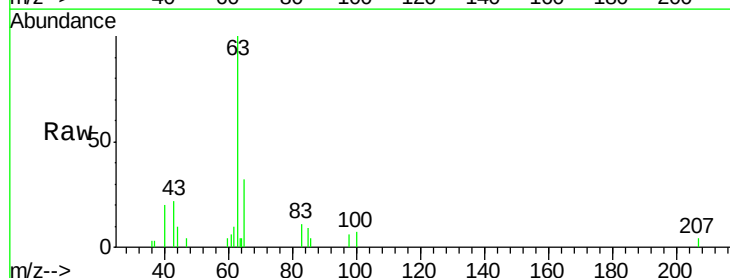
Tgt Ion: 63 Resp: 14286

Ion Ratio Lower Upper

63 100

98 6.0 3.8 11.4

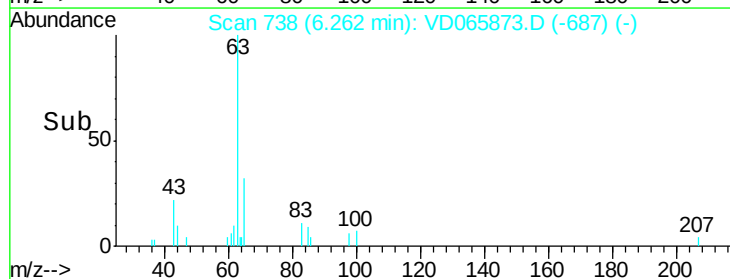
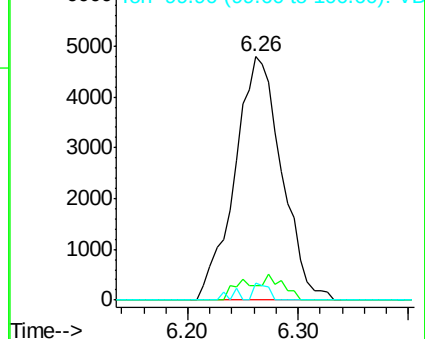
100 6.9 2.4 7.2

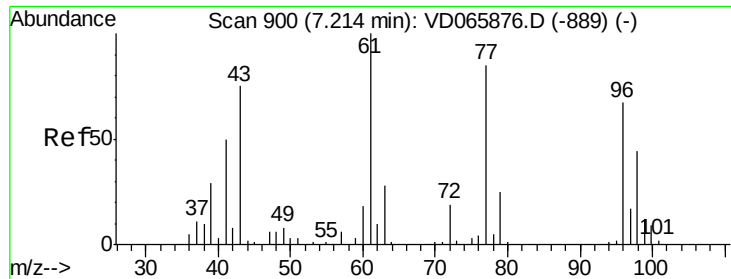


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

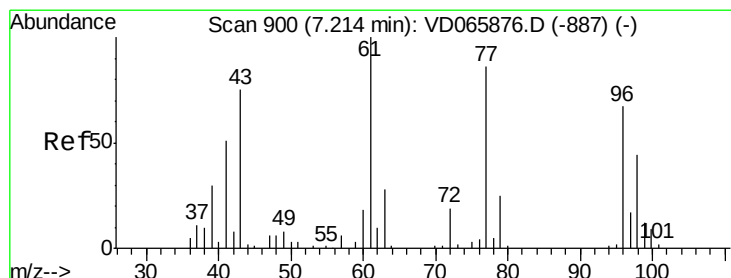
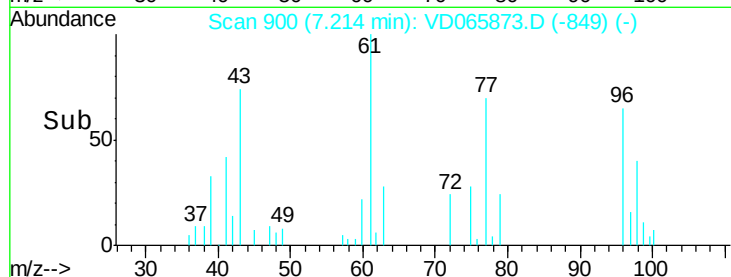
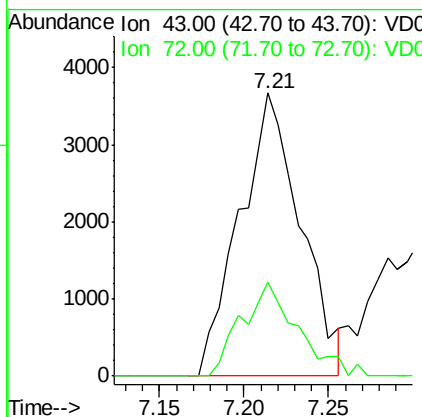
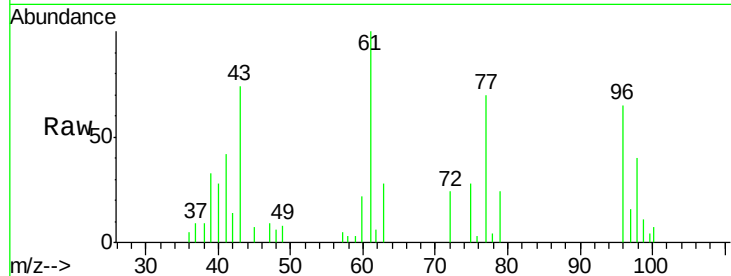




#25
2-Butanone
Concen: 23.194 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

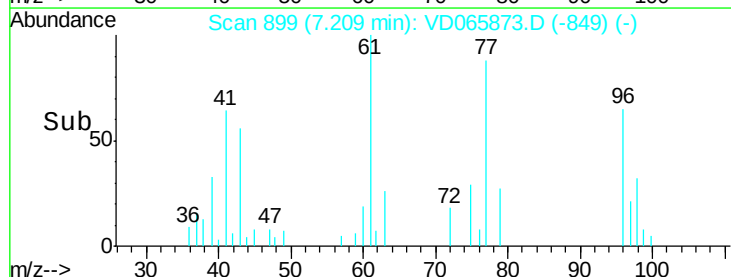
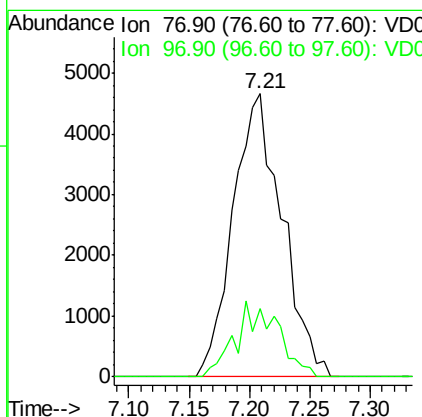
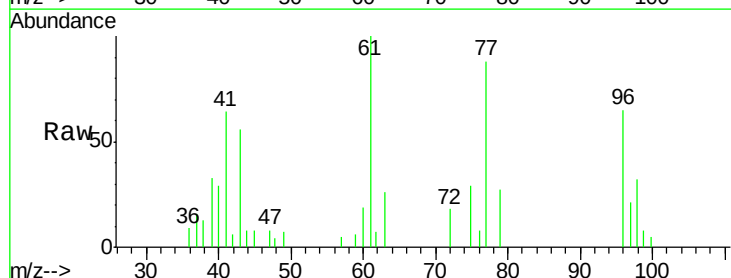
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

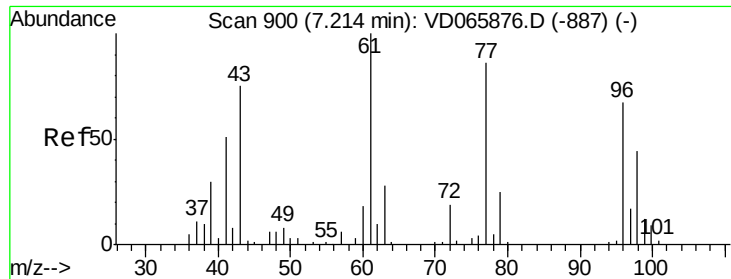
Tgt Ion: 43 Resp: 9220
Ion Ratio Lower Upper
43 100
72 33.1 20.6 31.0#



#26
2,2-Dichloropropane
Concen: 5.132 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 77 Resp: 13155
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3



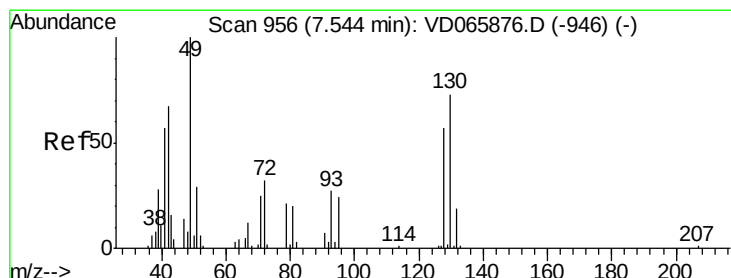
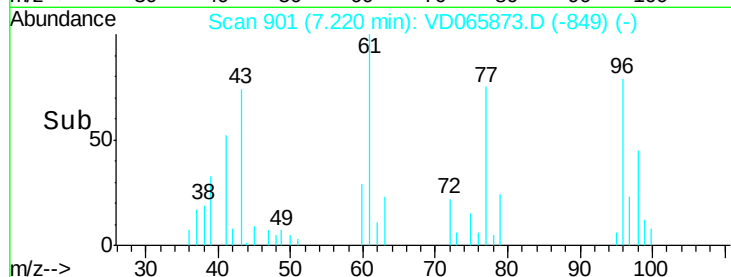
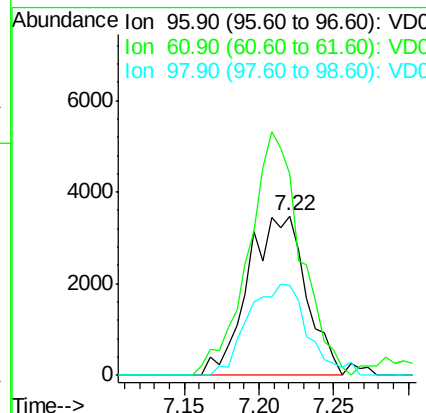
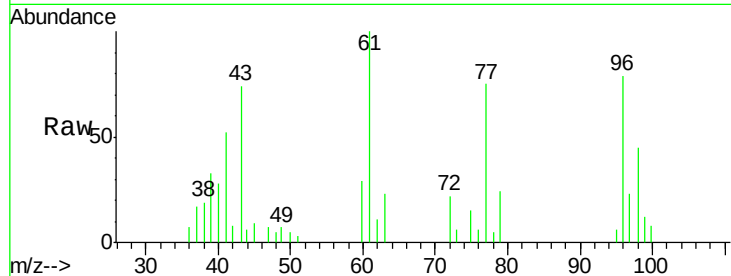


#27

cis-1,2-Dichloroethene
 Concen: 5.345 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

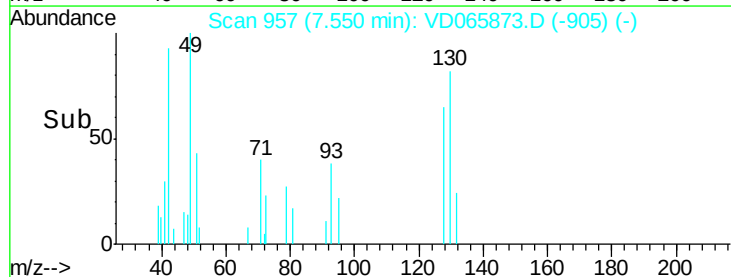
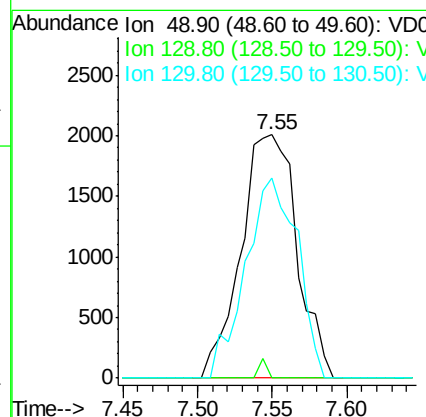
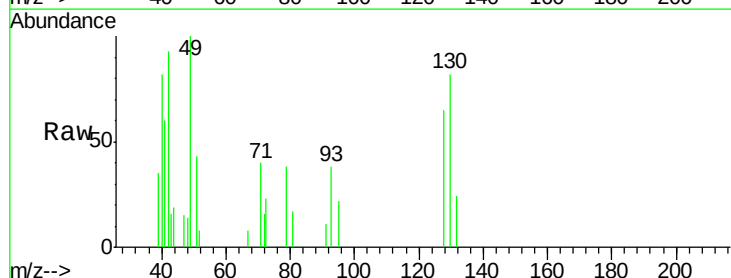
Tgt Ion: 96 Resp: 9410
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 297.8
 98 58.5 0.0 129.8

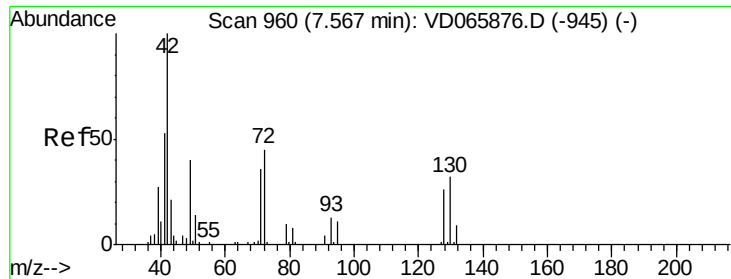


#28

Bromochloromethane
 Concen: 5.018 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 49 Resp: 5208
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.4
 130 76.3 61.0 91.6

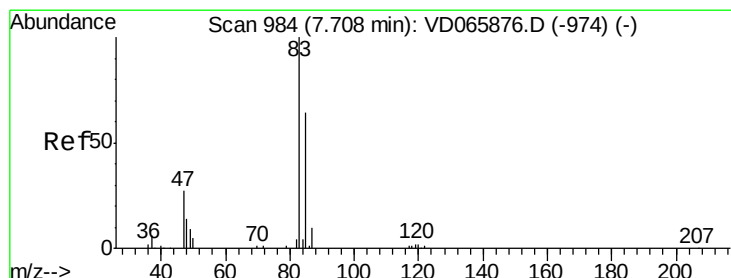
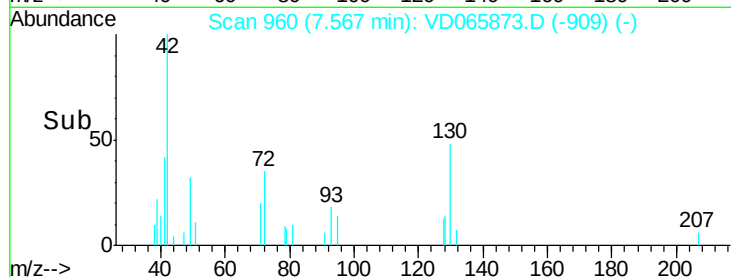
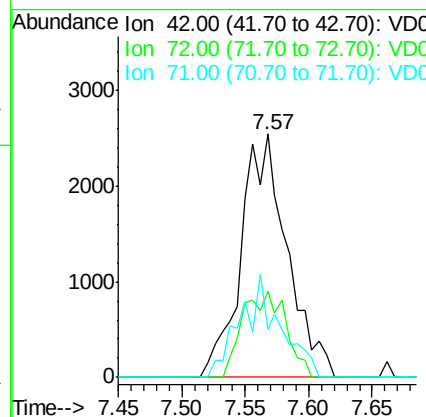
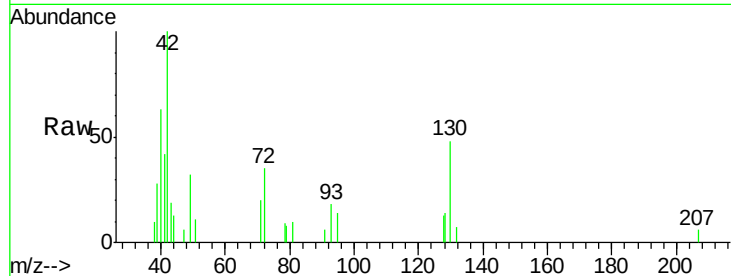




#29
Tetrahydrofuran
Concen: 26.111 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

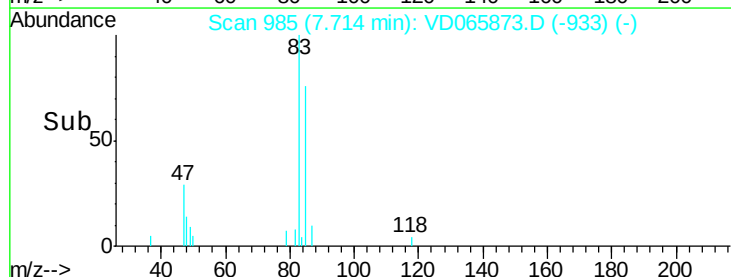
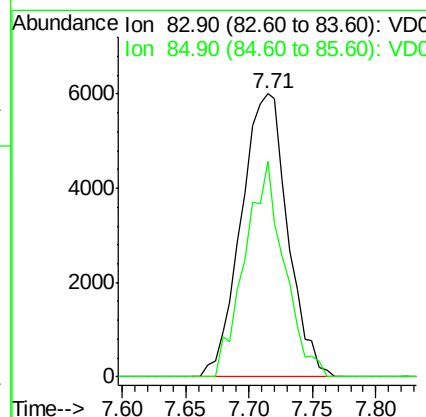
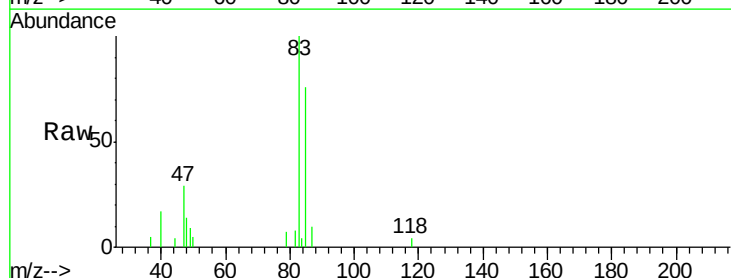
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

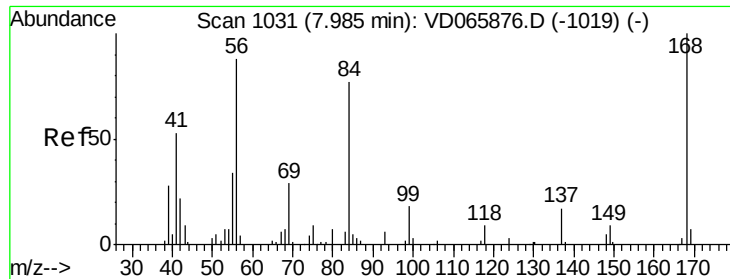
Tgt Ion: 42 Resp: 6430
Ion Ratio Lower Upper
42 100
72 16.0 35.3 52.9#
71 36.2 32.6 48.8



#30
Chloroform
Concen: 5.153 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 83 Resp: 15361
Ion Ratio Lower Upper
83 100
85 76.0 51.2 76.8

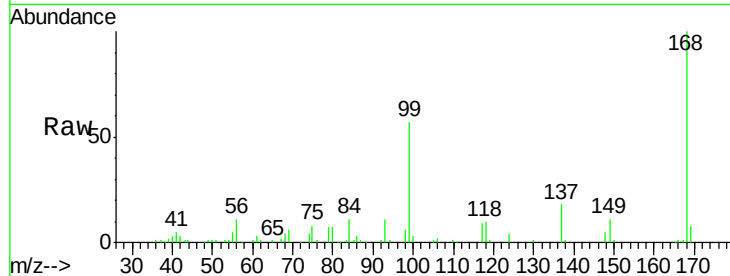




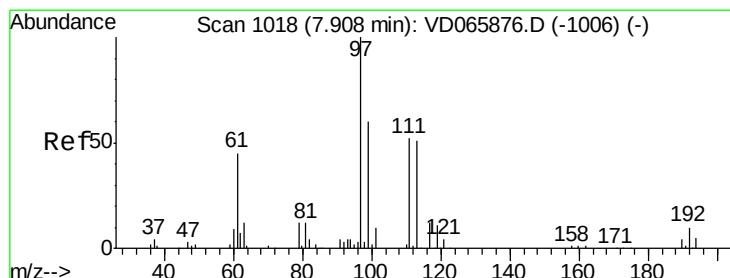
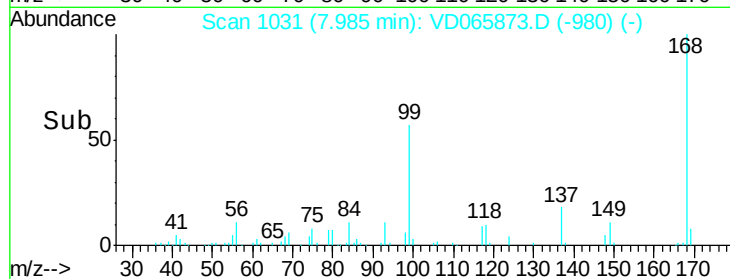
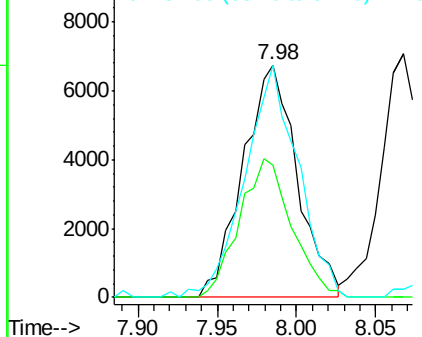
#31
Cyclohexane
Concen: 5.965 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 16039
Ion Ratio Lower Upper
56 100
69 56.7 26.2 39.4#
84 97.0 70.3 105.5

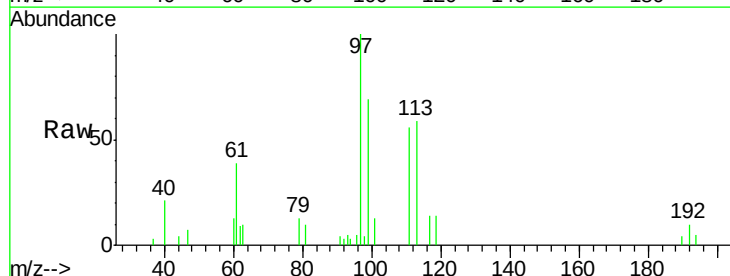


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

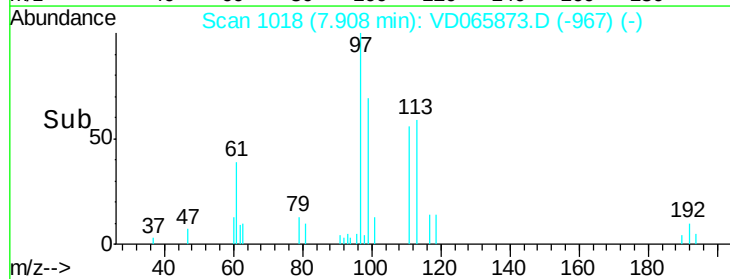
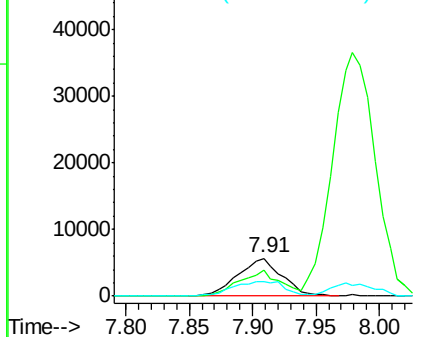


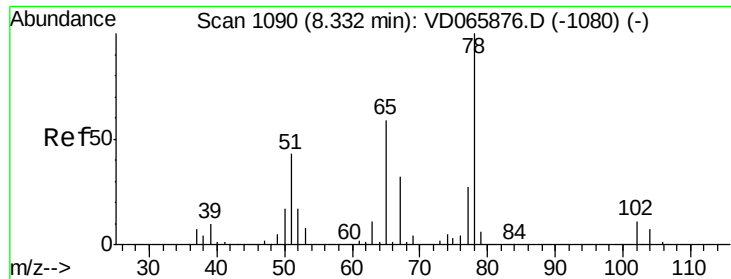
#32
1,1,1-Trichloroethane
Concen: 4.945 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 97 Resp: 13690
Ion Ratio Lower Upper
97 100
99 65.0 50.2 75.4
61 46.2 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

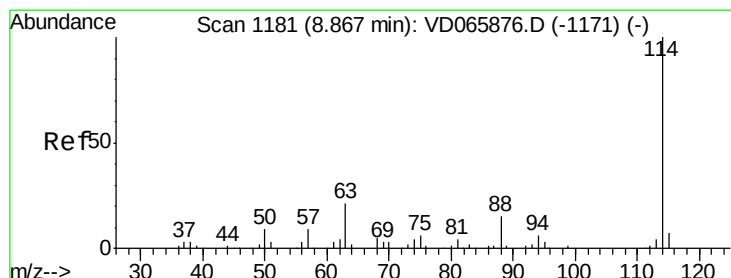
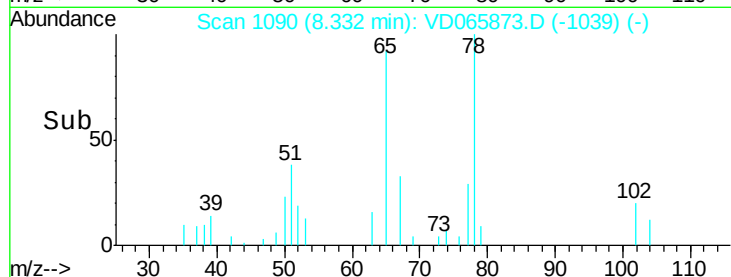
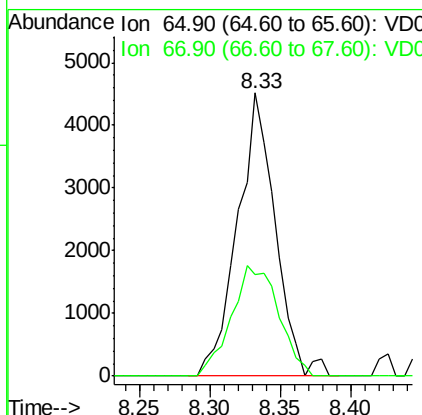
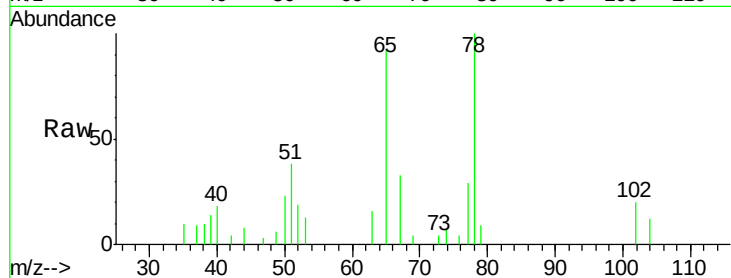




#33
 1,2-Dichloroethane-d4
 Concen: 5.582 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

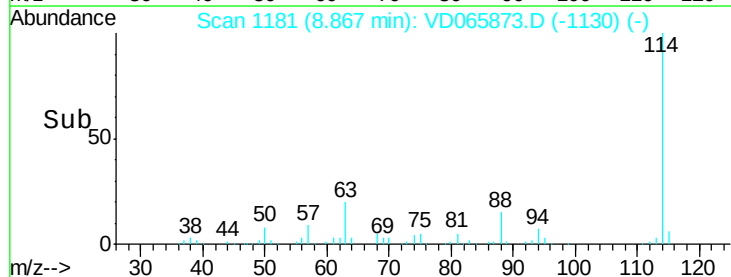
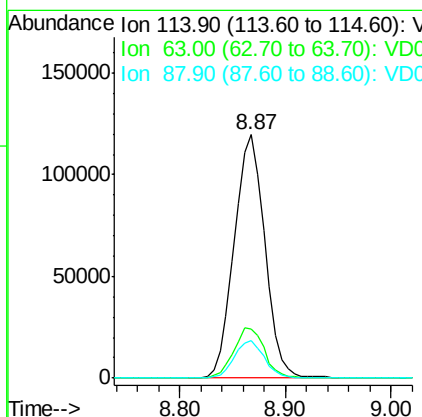
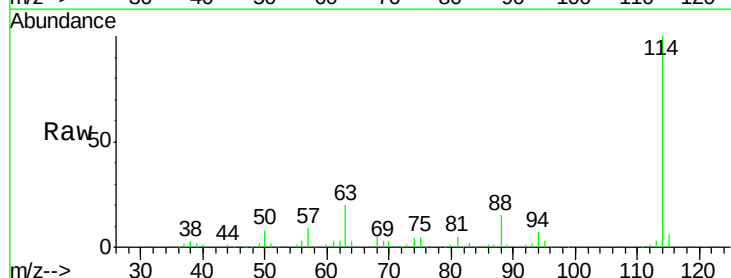
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

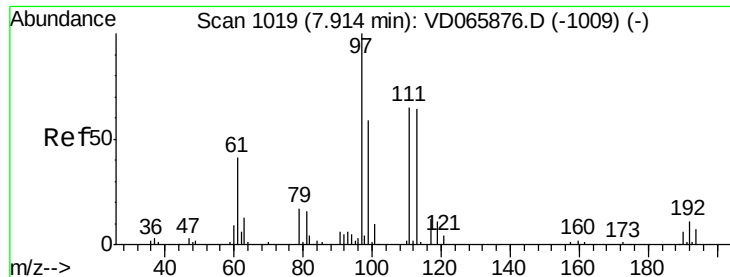
Tgt Ion: 65 Resp: 8456
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 114 Resp: 240592
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.4 0.0 29.0

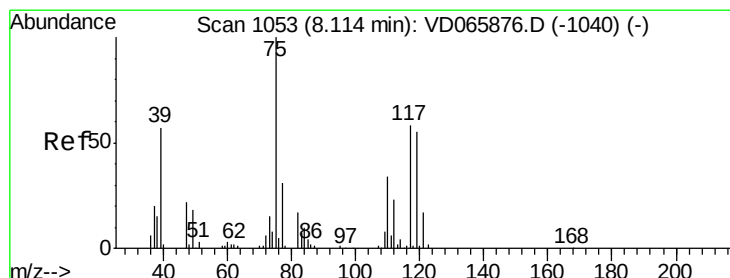
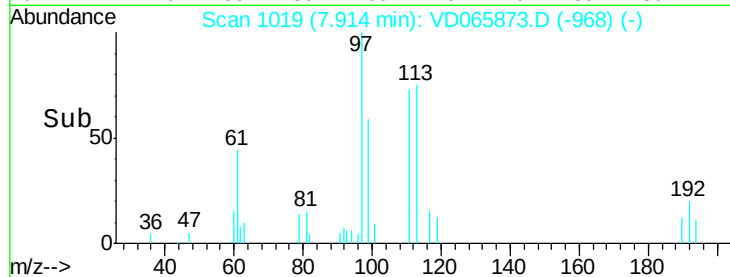
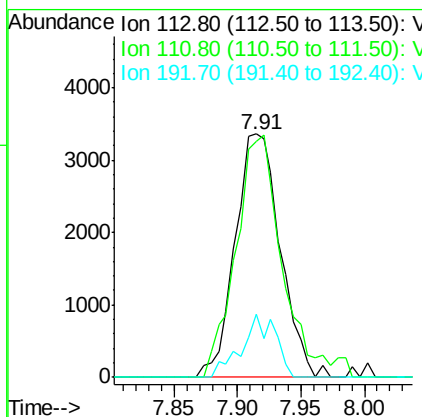
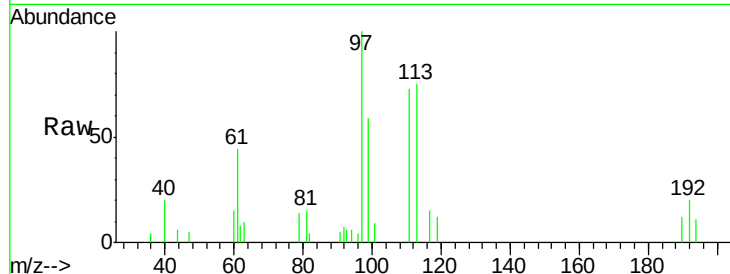




#35
 Dibromofluoromethane
 Concen: 5.765 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

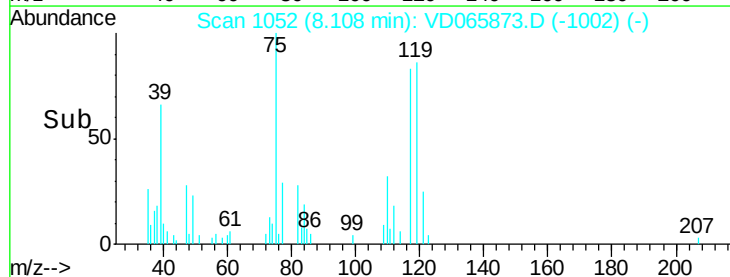
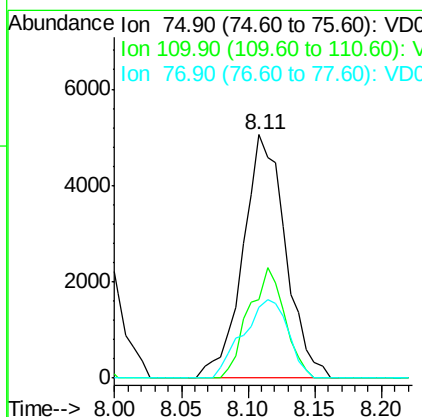
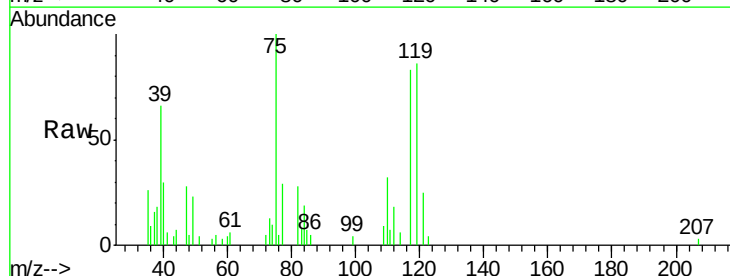
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

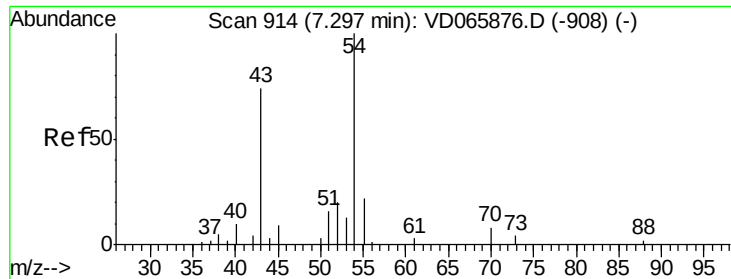
Tgt Ion: 113 Resp: 8321
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 19.4 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.694 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 75 Resp: 11146
 Ion Ratio Lower Upper
 75 100
 110 38.5 16.8 50.4
 77 34.3 24.0 36.0

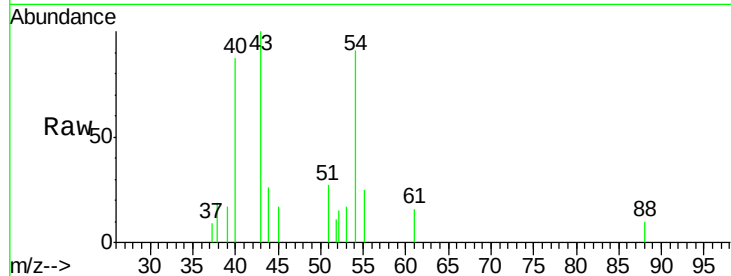




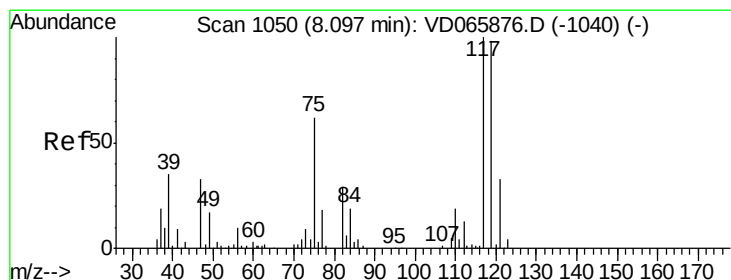
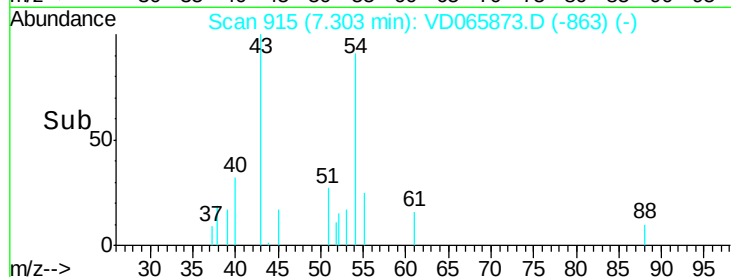
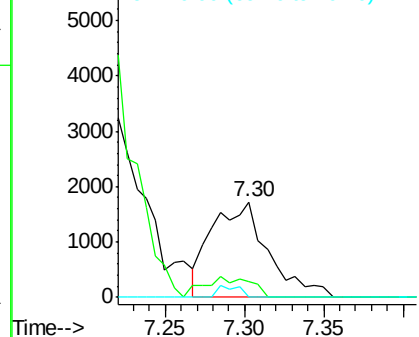
#37
Ethyl Acetate
Concen: 4.714 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
61 17.5 0.0 0.0#
70 4.6 8.5 12.7#

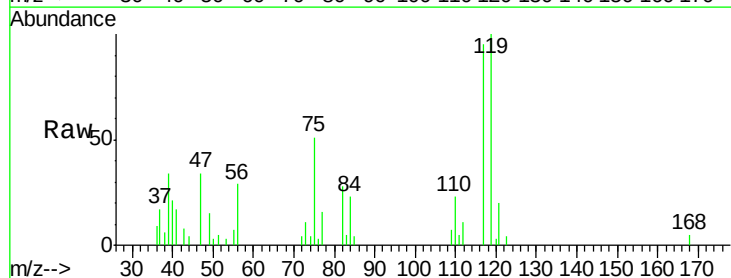


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

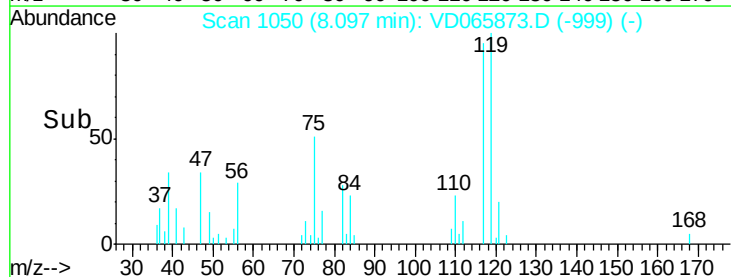
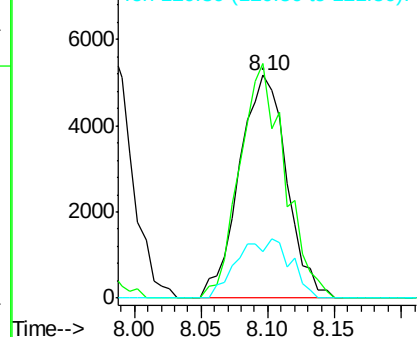


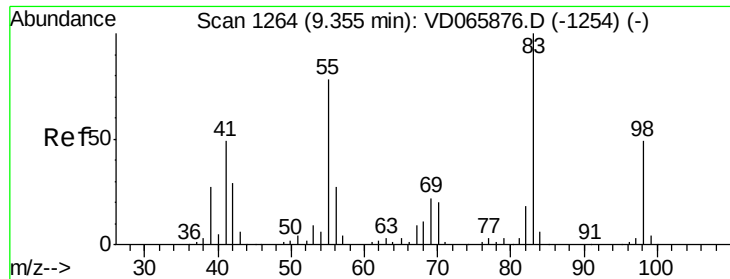
#38
Carbon Tetrachloride
Concen: 5.027 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 117 Resp: 12710
Ion Ratio Lower Upper
117 100
119 105.4 78.6 117.8
121 20.6 26.5 39.7#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

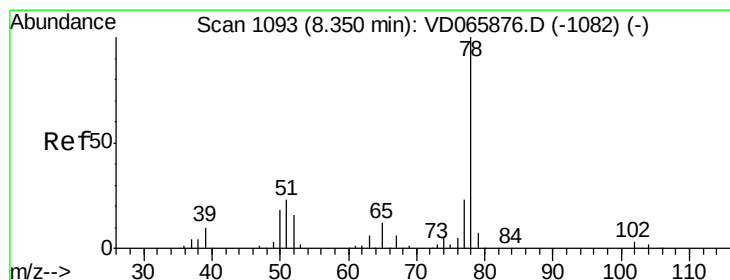
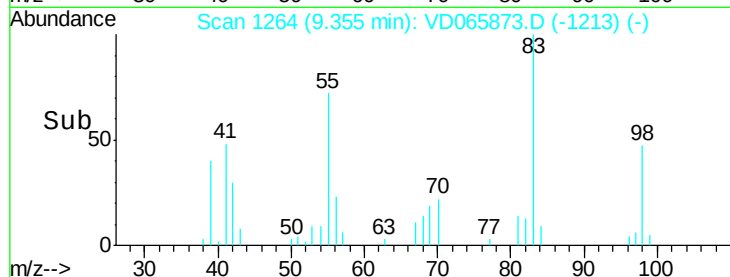
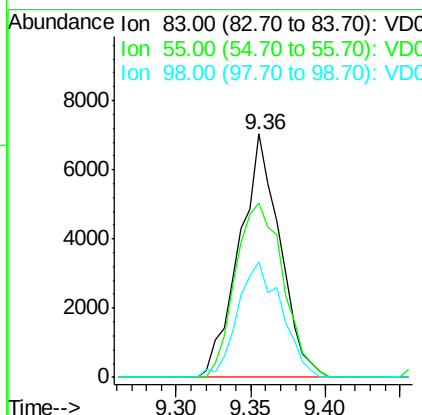
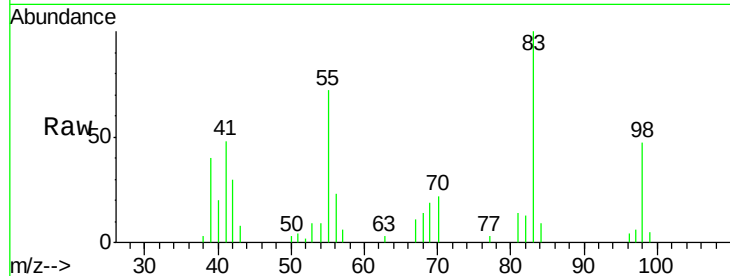




#39
Methylcyclohexane
Concen: 4.804 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

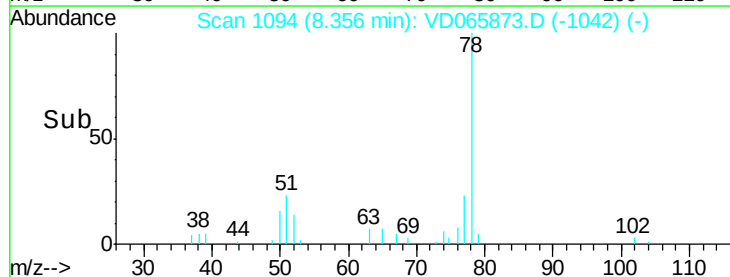
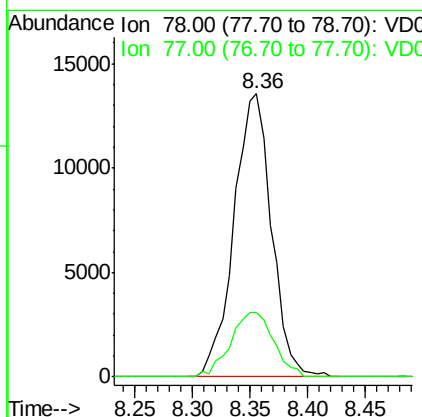
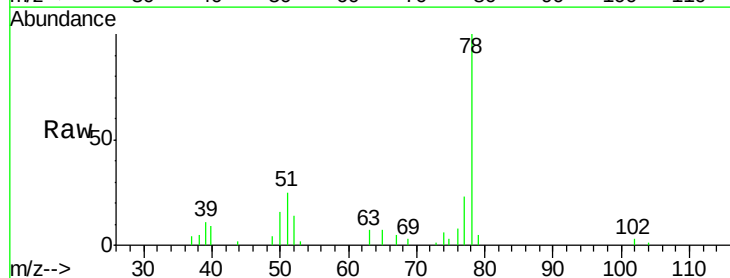
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

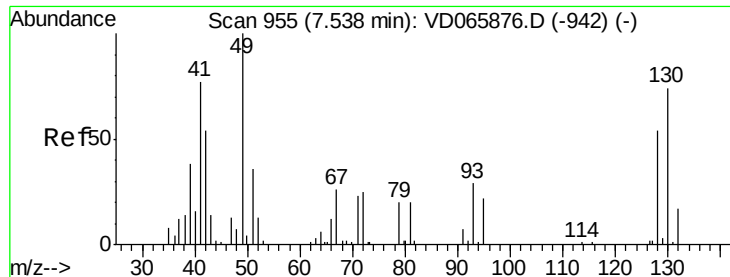
Tgt Ion: 83 Resp: 13313
Ion Ratio Lower Upper
83 100
55 71.8 62.2 93.4
98 47.5 39.6 59.4



#40
Benzene
Concen: 4.679 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 78 Resp: 30615
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

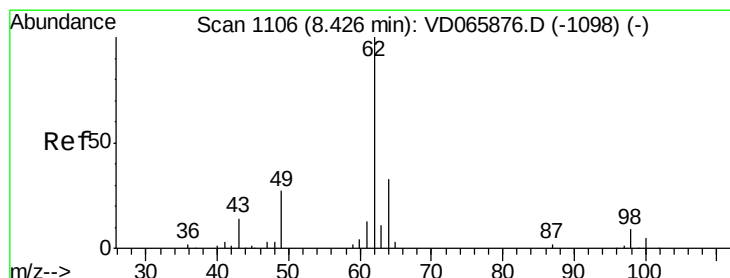
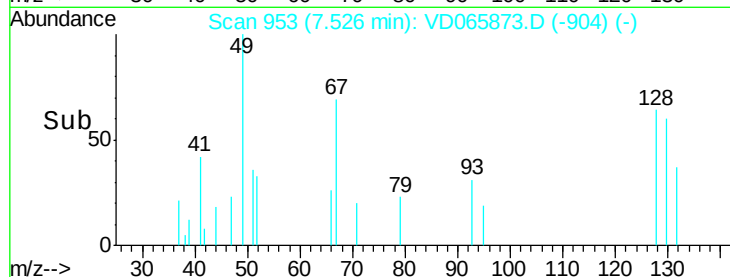
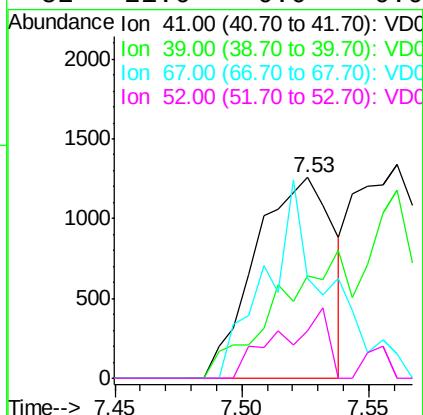
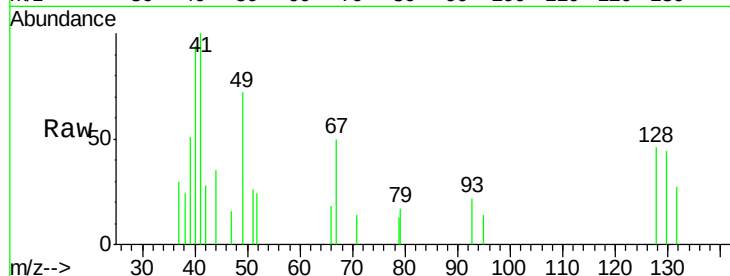




#41
Methacrylonitrile
Concen: 4.786 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

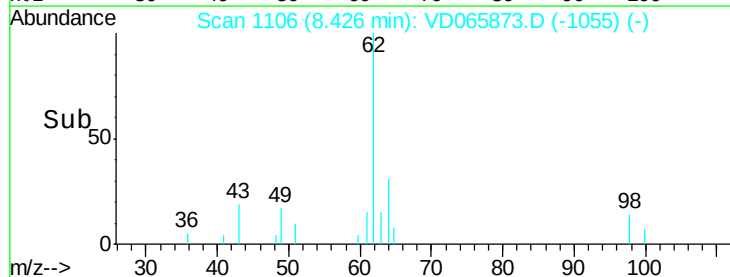
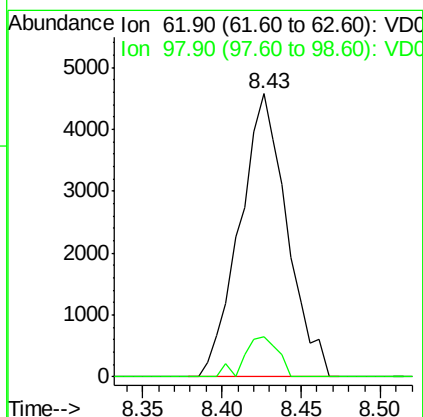
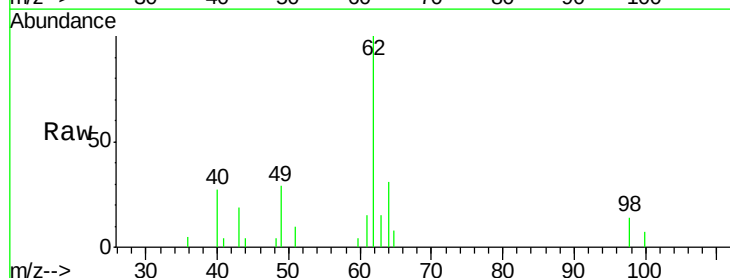
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

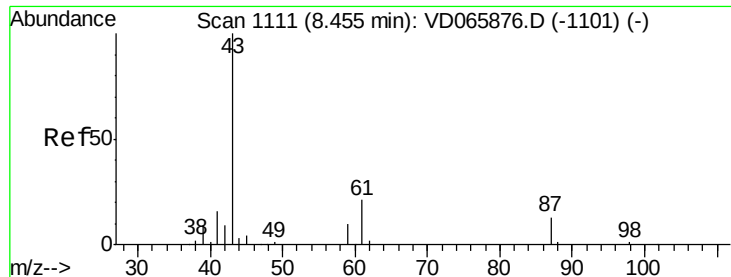
Tgt Ion: 41 Resp: 2690
Ion Ratio Lower Upper
41 100
39 59.4 82.7 124.1#
67 78.2 0.0 0.0#
52 21.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.954 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 62 Resp: 9477
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 4.532 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

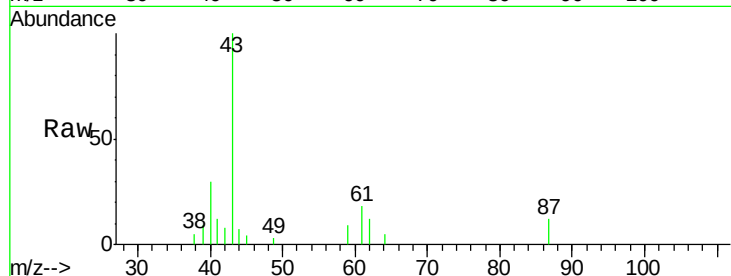
Tgt Ion: 43 Resp: 7943

Ion Ratio Lower Upper

43 100

61 0.0 25.2 37.8#

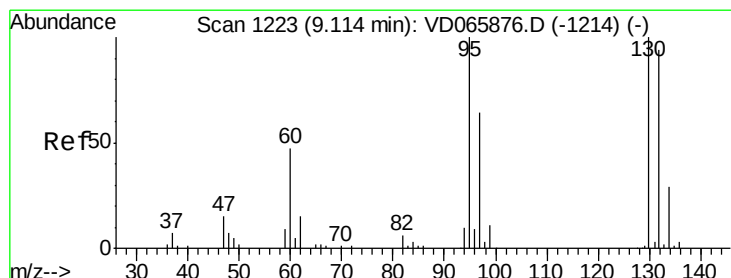
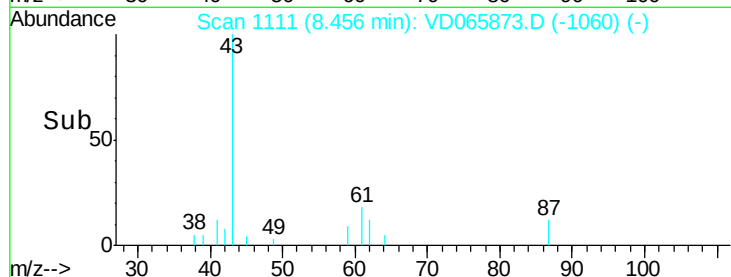
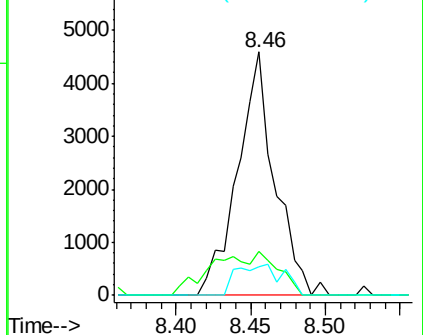
87 16.1 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 5.226 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065873.D

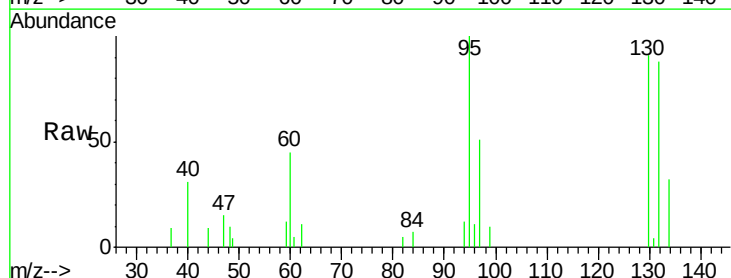
Acq: 26 Jun 2020 10:44

Tgt Ion: 130 Resp: 9102

Ion Ratio Lower Upper

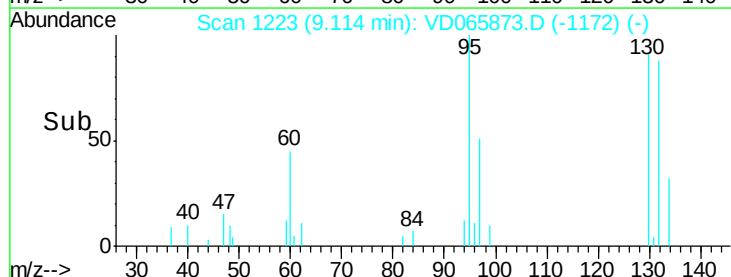
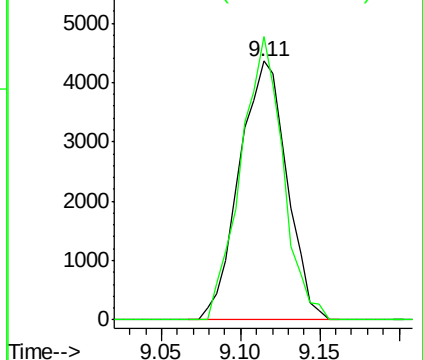
130 100

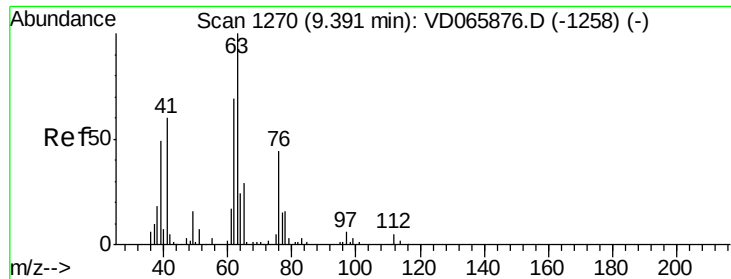
95 109.3 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

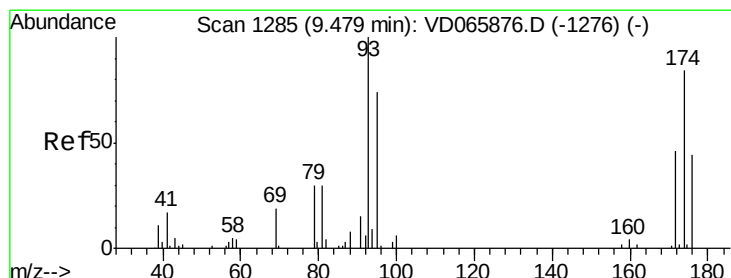
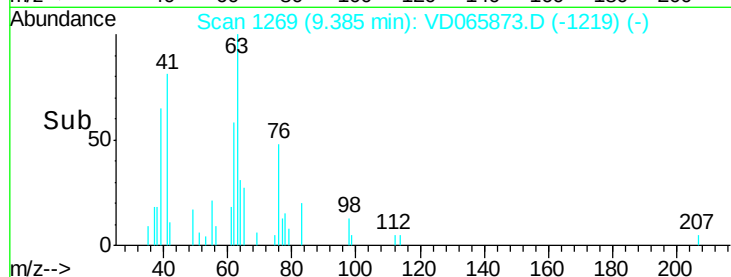
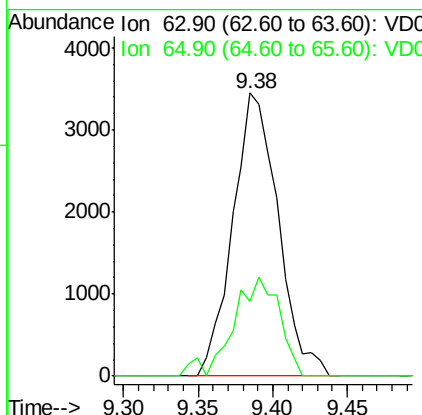
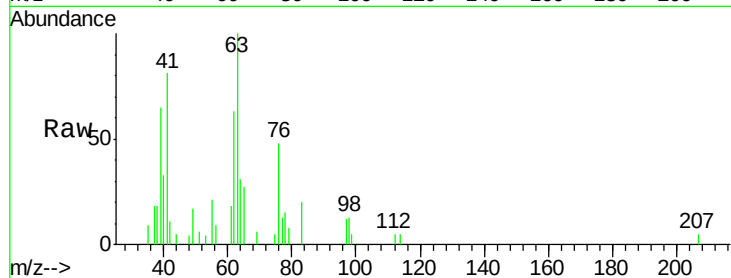




#45
 1,2-Dichloropropane
 Concen: 4.610 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

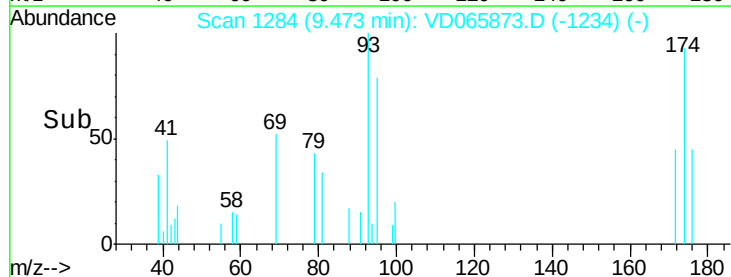
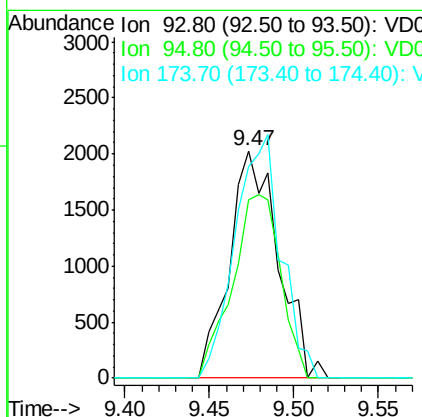
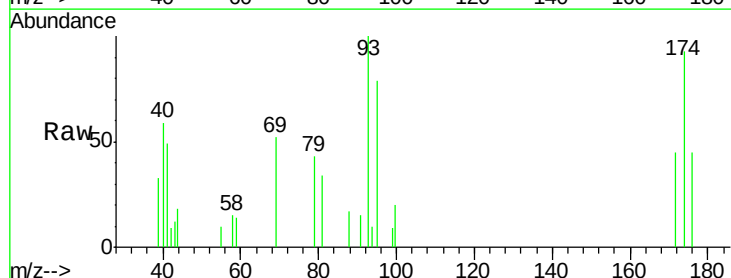
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

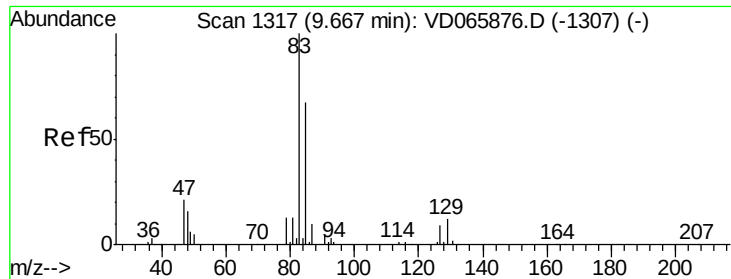
Tgt Ion: 63 Resp: 7278
 Ion Ratio Lower Upper
 63 100
 65 26.6 23.4 35.0



#46
 Dibromomethane
 Concen: 4.806 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 93 Resp: 4088
 Ion Ratio Lower Upper
 93 100
 95 79.4 65.4 98.0
 174 100.4 75.2 112.8

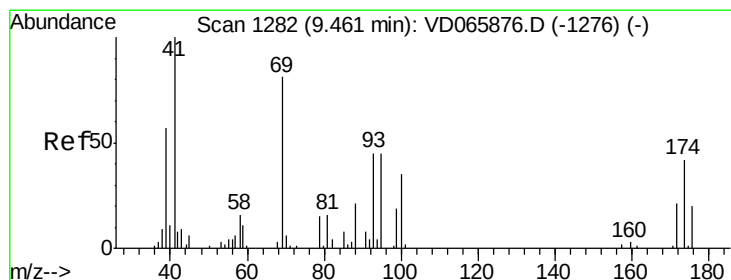
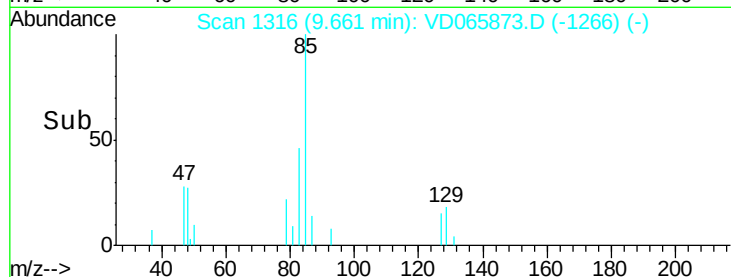
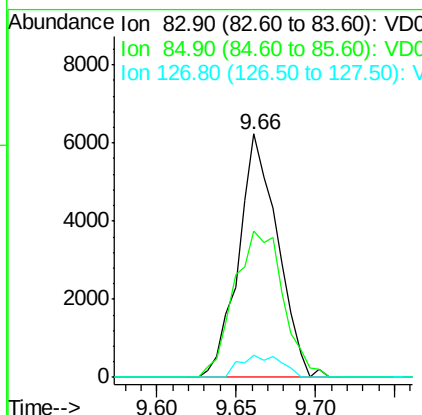
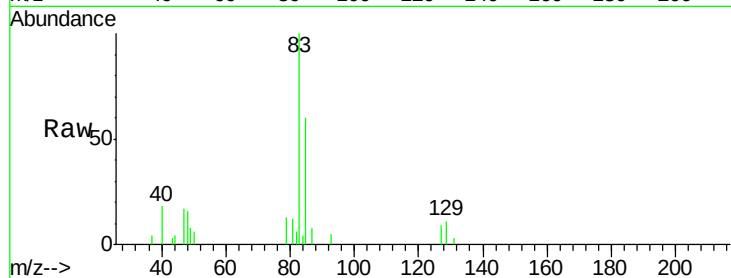




#47
Bromodichloromethane
Concen: 4.609 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

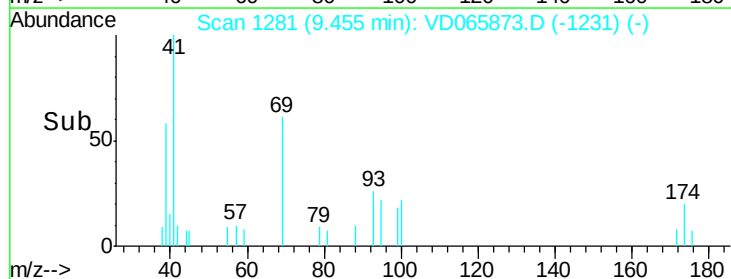
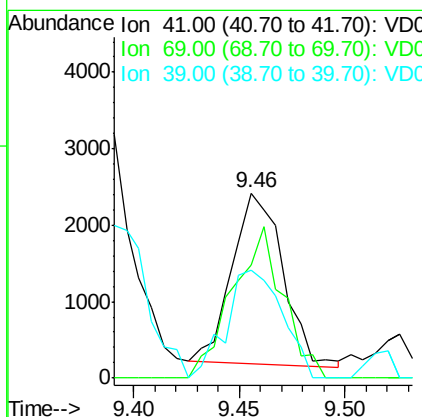
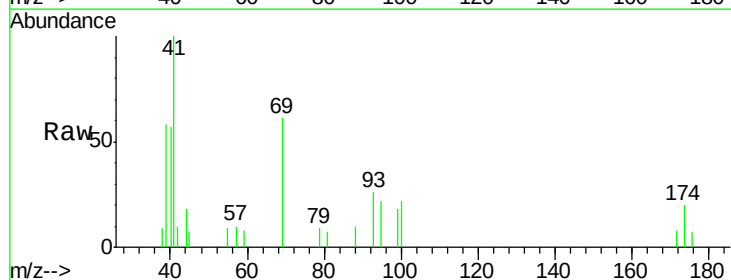
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

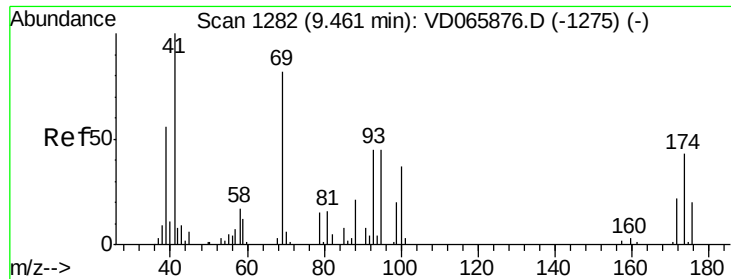
Tgt Ion: 83 Resp: 10674
Ion Ratio Lower Upper
83 100
85 60.1 53.9 80.9
127 9.2 7.0 10.4



#48
Methyl methacrylate
Concen: 4.401 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 41 Resp: 3769
Ion Ratio Lower Upper
41 100
69 87.0 68.3 102.5
39 69.1 54.1 81.1





#49

1,4-Dioxane

Concen: 75.448 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

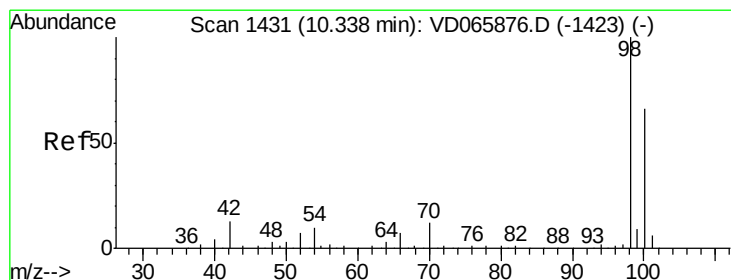
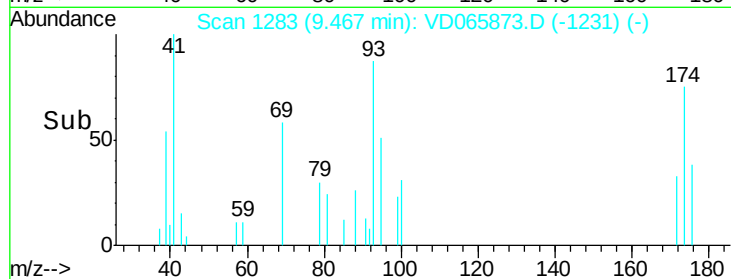
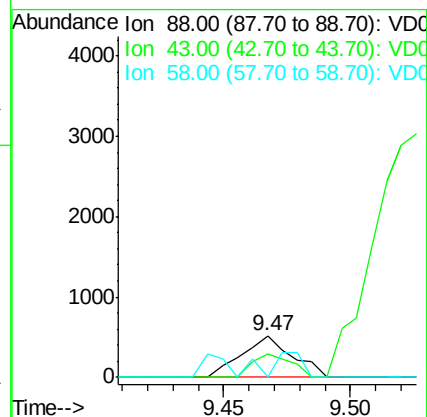
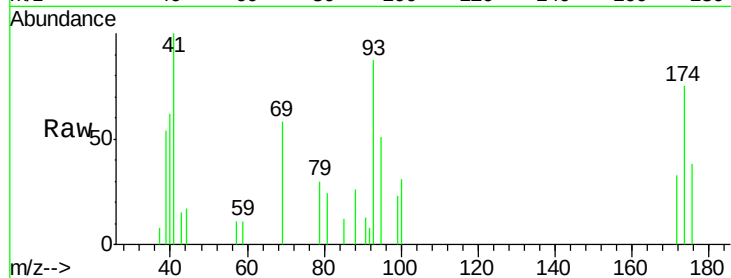
Tgt Ion: 88 Resp: 714

Ion Ratio Lower Upper

88 100

43 43.8 35.8 53.8

58 42.0 58.6 87.8#



#50

Toluene-d8

Concen: 5.165 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065873.D

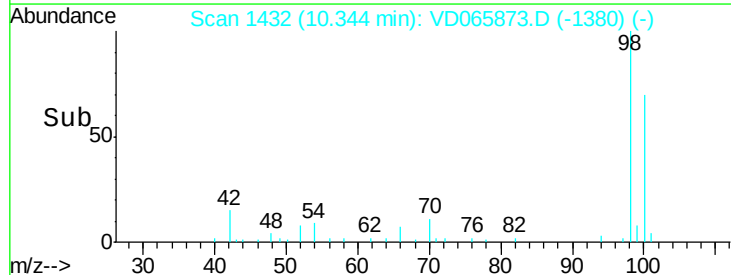
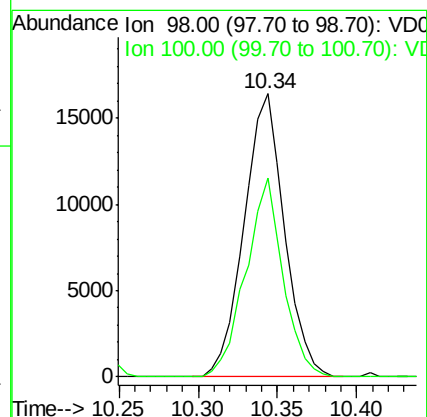
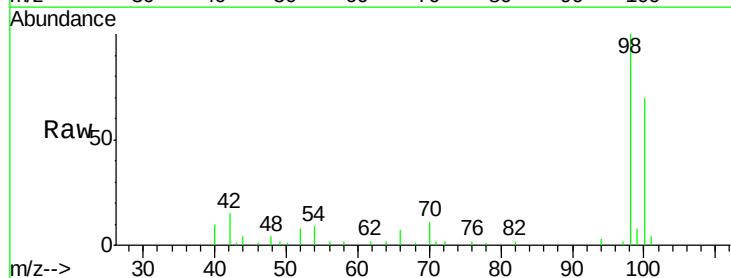
Acq: 26 Jun 2020 10:44

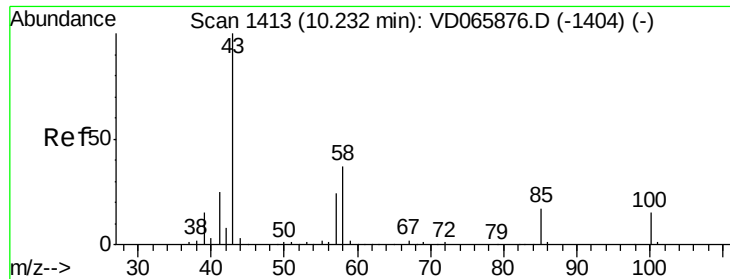
Tgt Ion: 98 Resp: 28960

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 23.847 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

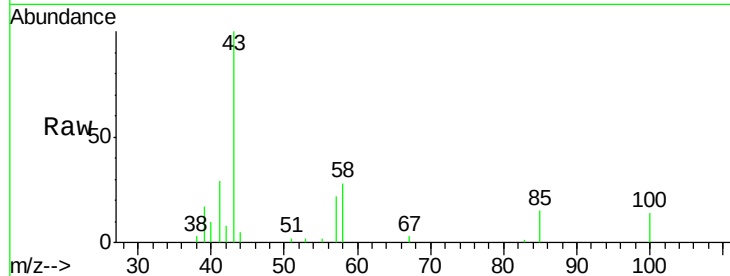
VSTDIC005

Tgt Ion: 43 Resp: 21098

Ion Ratio Lower Upper

43 100

58 35.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

12000

10000

8000

6000

4000

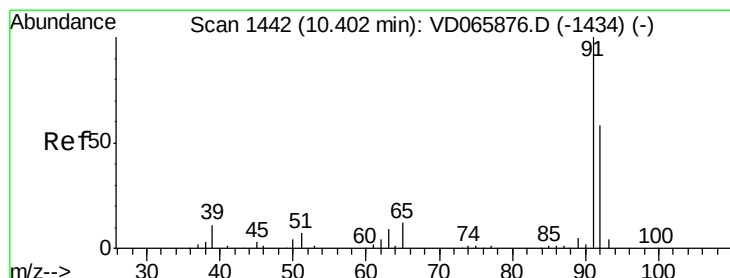
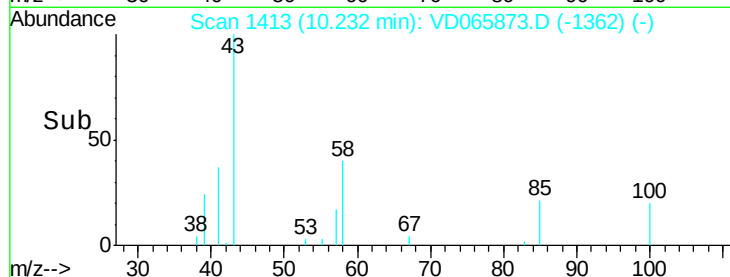
2000

0

Time-->

10.20

10.30



#52

Toluene

Concen: 4.683 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065873.D

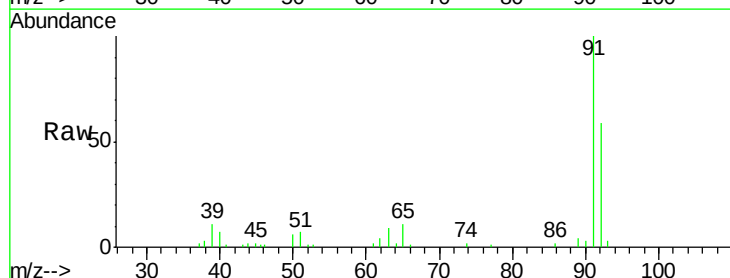
Acq: 26 Jun 2020 10:44

Tgt Ion: 92 Resp: 19666

Ion Ratio Lower Upper

92 100

91 174.4 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

20000

15000

10000

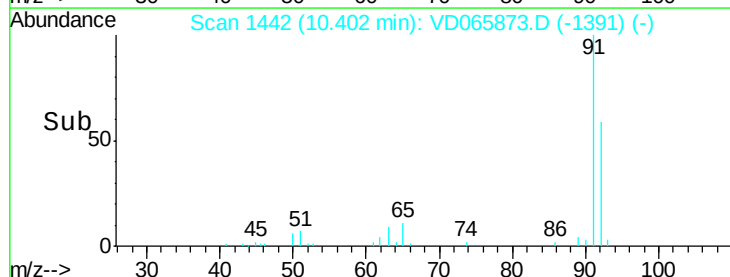
5000

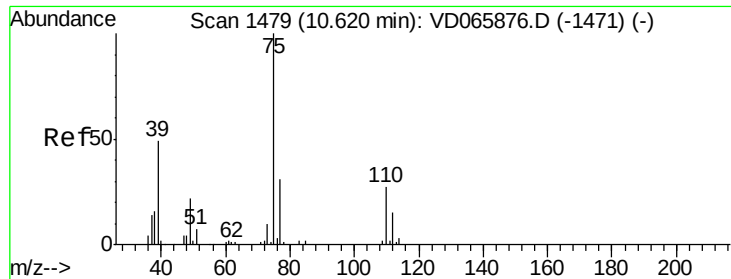
0

Time-->

10.35

10.45





#53

t-1,3-Dichloropropene

Concen: 5.095 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

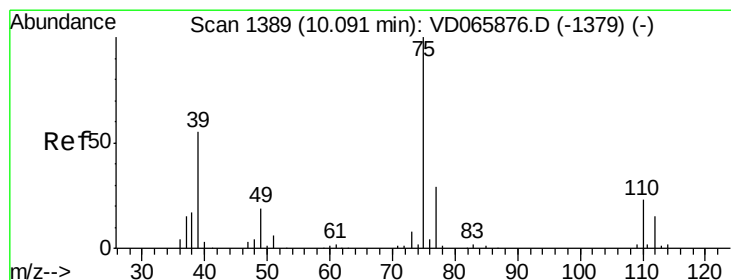
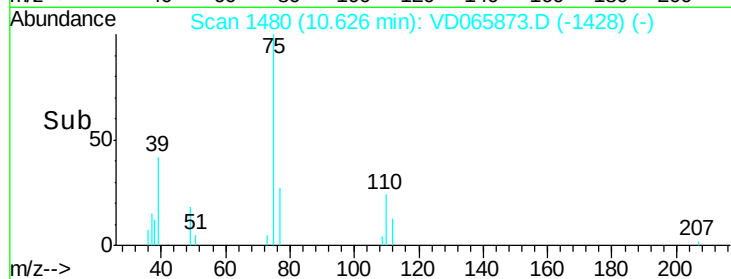
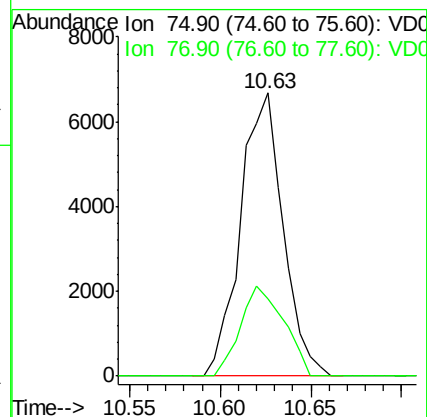
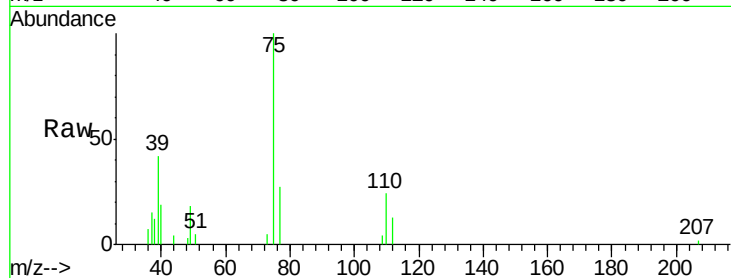
VSTDIC005

Tgt Ion: 75 Resp: 10891

Ion Ratio Lower Upper

75 100

77 27.5 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 4.800 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

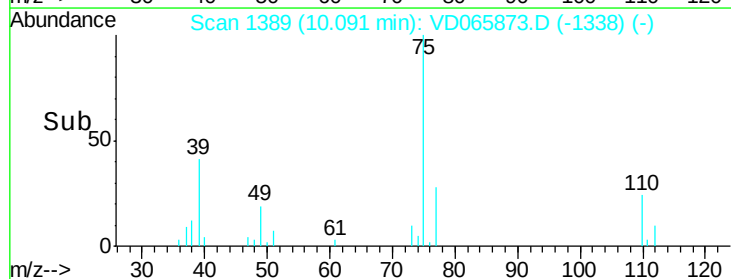
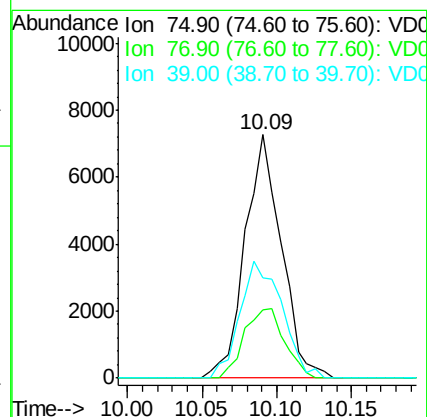
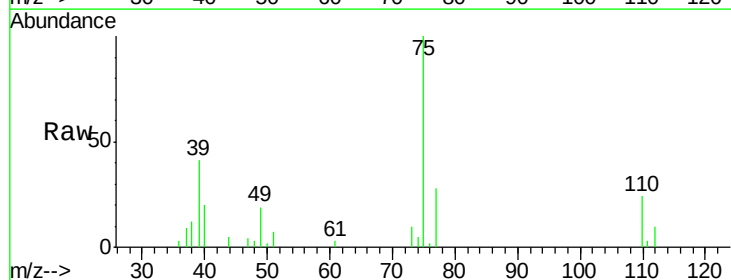
Tgt Ion: 75 Resp: 12278

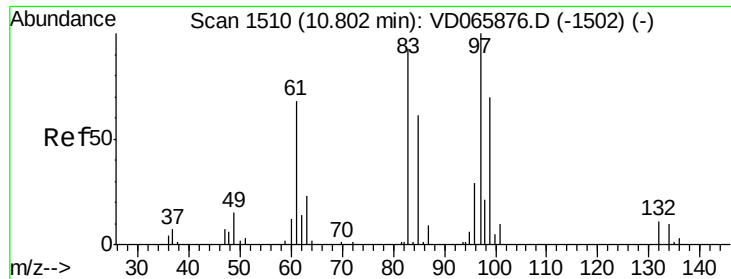
Ion Ratio Lower Upper

75 100

77 27.9 23.4 35.0

39 41.1 43.9 65.9#





#55

1,1,2-Trichloroethane

Concen: 4.852 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5537

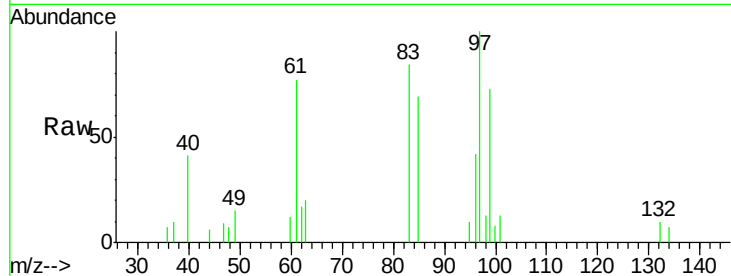
Ion Ratio Lower Upper

97 100

83 83.5 74.2 111.4

85 68.5 48.8 73.2

99 73.3 55.9 83.9

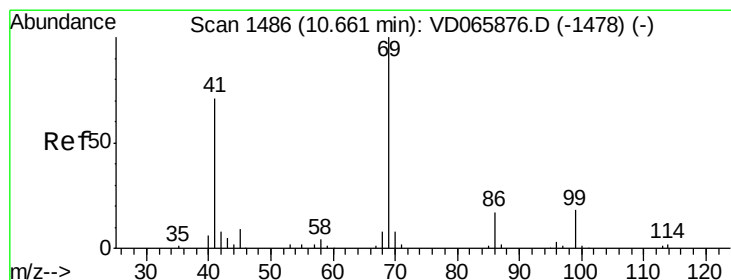
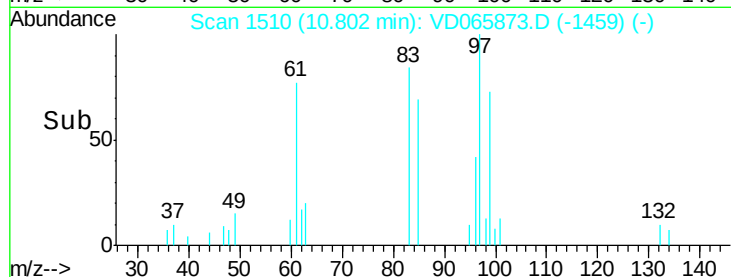
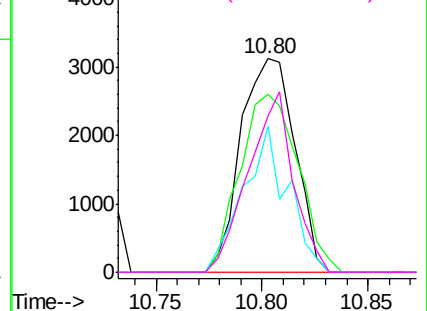


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 4.268 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

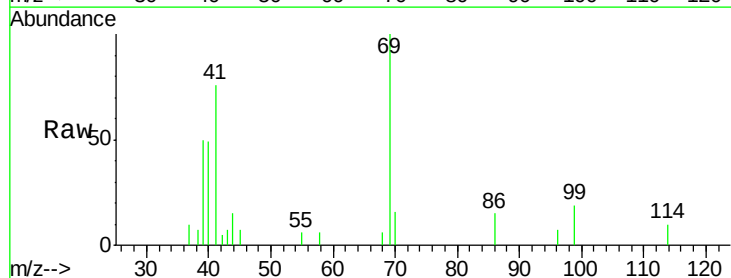
Tgt Ion: 69 Resp: 6035

Ion Ratio Lower Upper

69 100

41 72.7 55.4 83.2

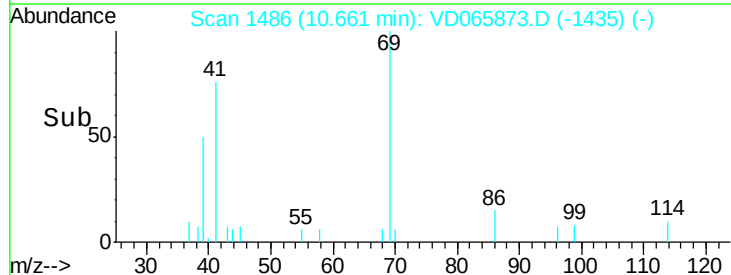
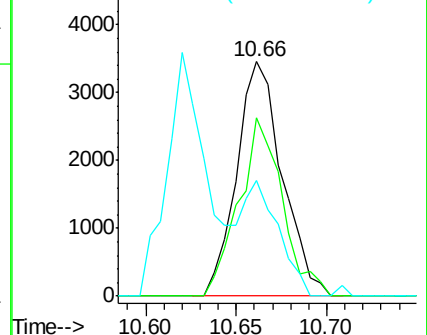
39 37.2 33.0 49.4

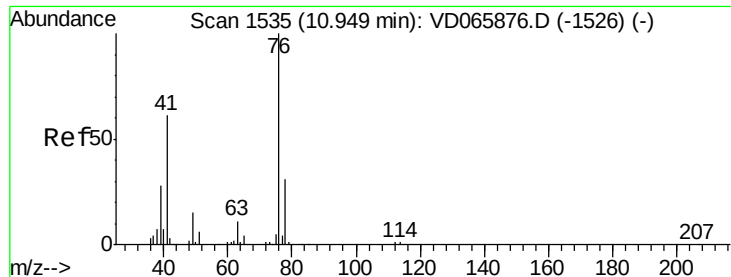


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

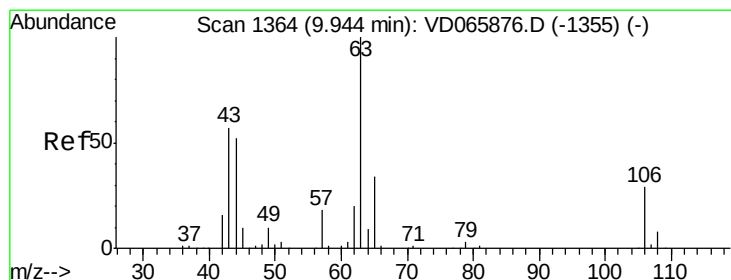
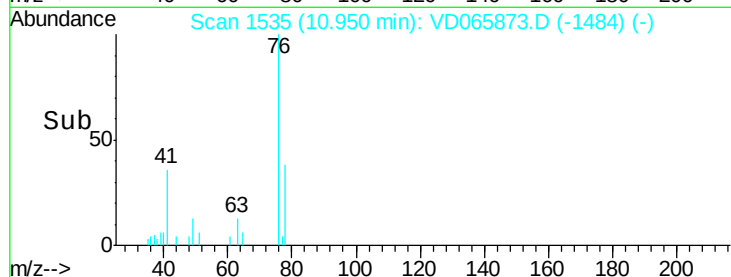
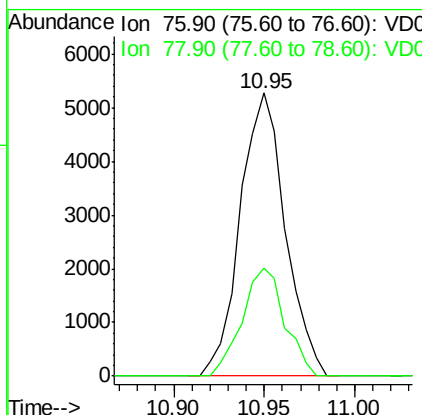
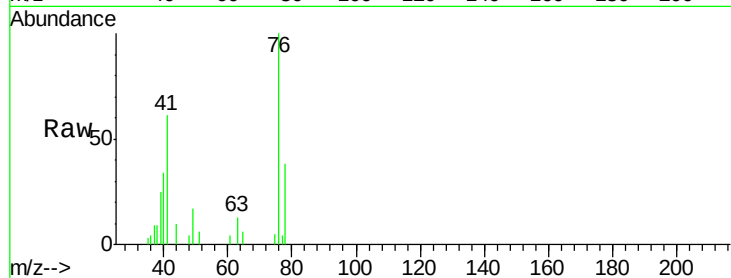




#57
 1,3-Dichloropropane
 Concen: 4.508 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

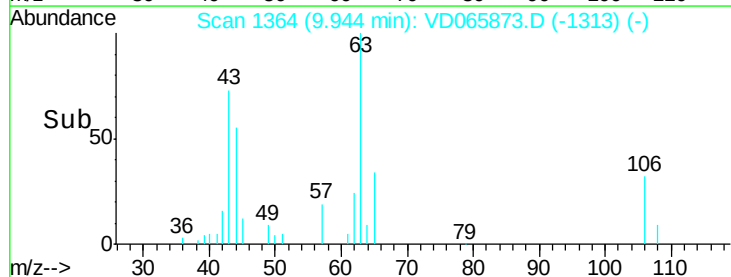
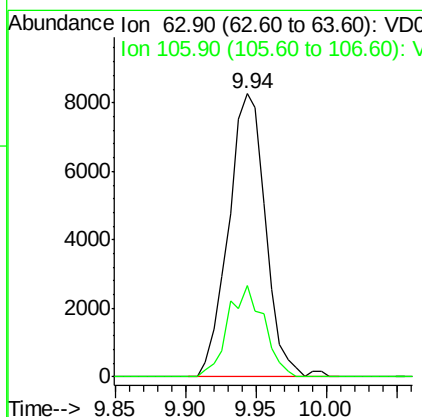
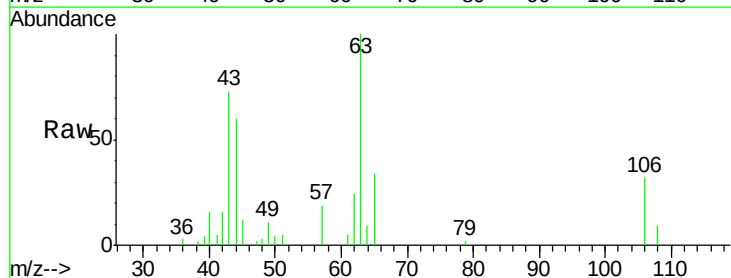
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

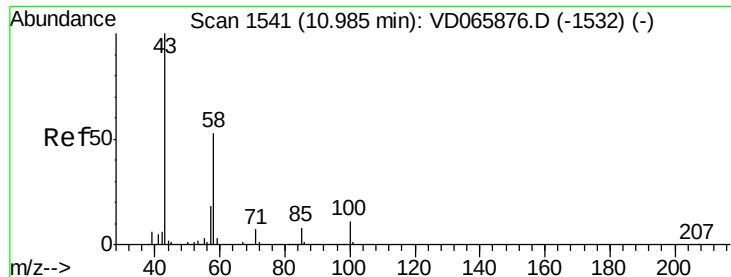
Tgt Ion: 76 Resp: 9122
 Ion Ratio Lower Upper
 76 100
 78 36.0 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.422 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 63 Resp: 15116
 Ion Ratio Lower Upper
 63 100
 106 31.3 22.6 34.0

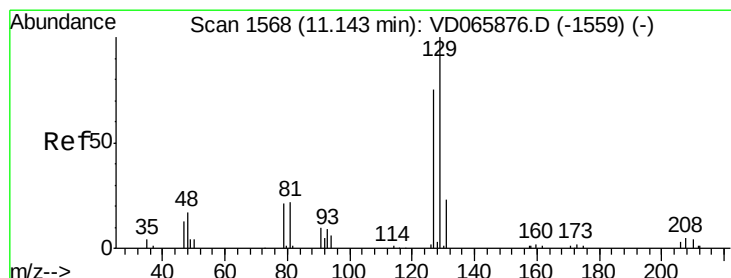
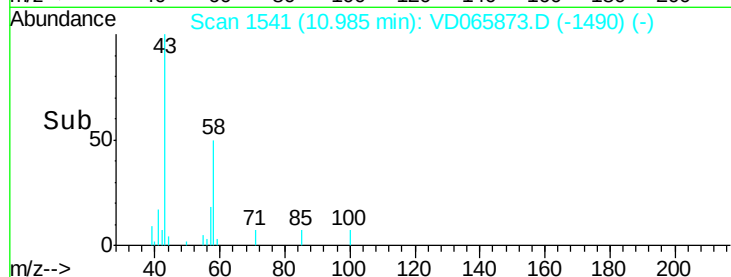
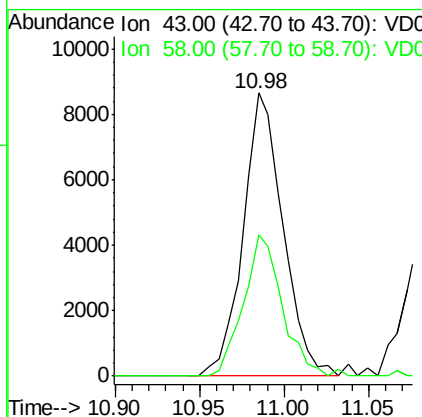
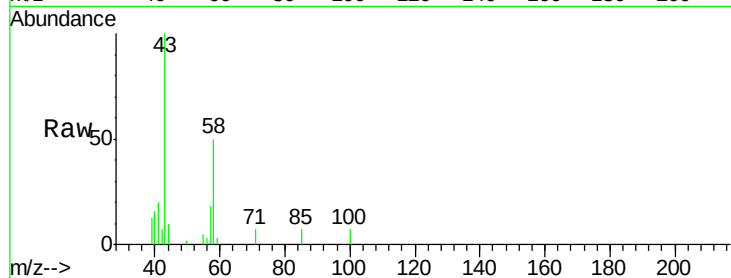




#59
2-Hexanone
Concen: 22.758 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

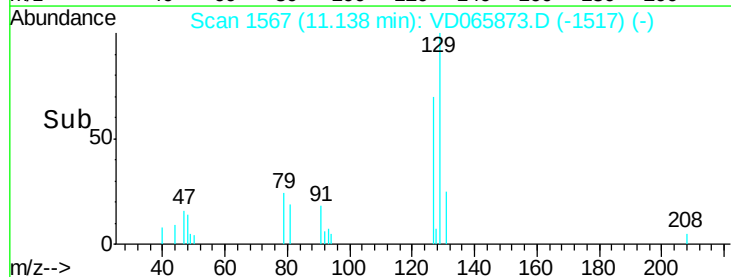
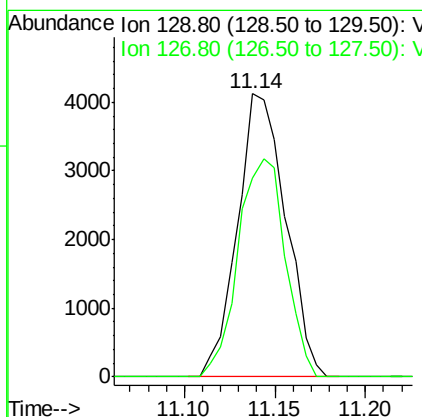
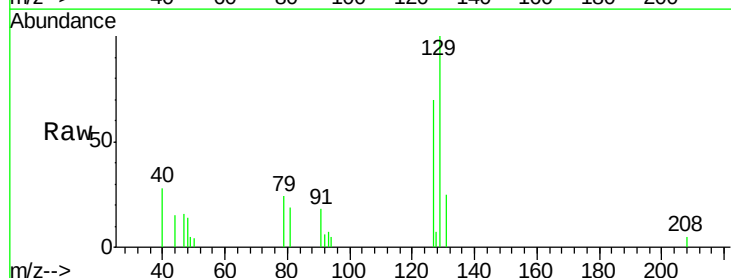
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

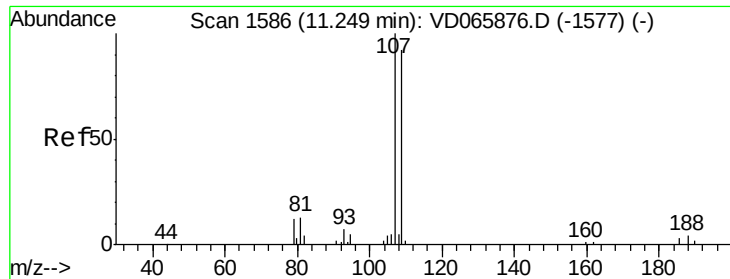
Tgt Ion: 43 Resp: 14234
Ion Ratio Lower Upper
43 100
58 48.7 26.1 78.3



#60
Dibromochloromethane
Concen: 4.950 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 129 Resp: 7618
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.2

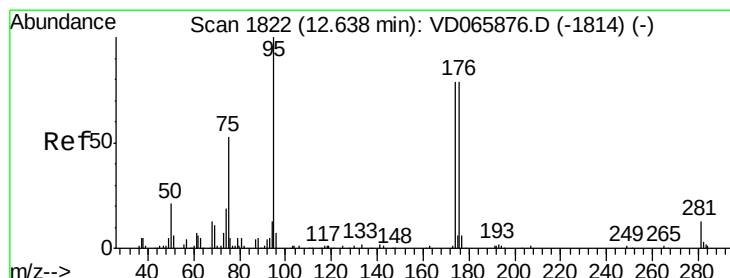
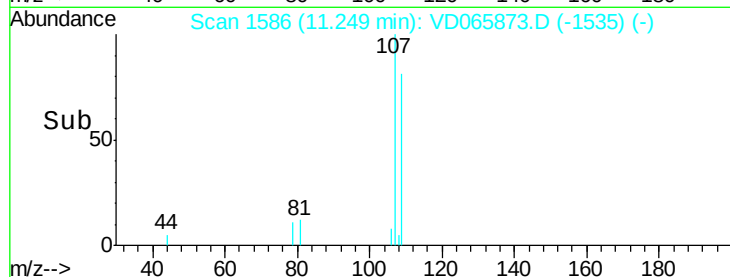
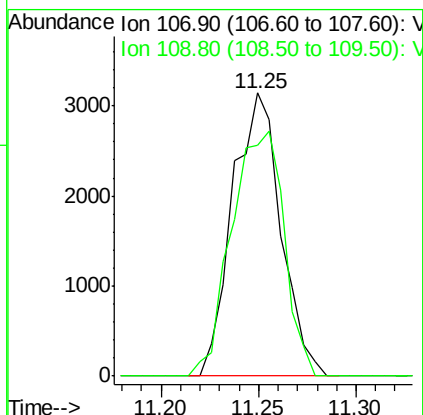
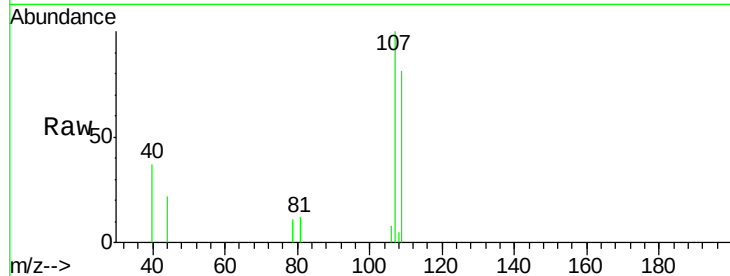




#61
 1,2-Dibromoethane
 Concen: 4.858 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

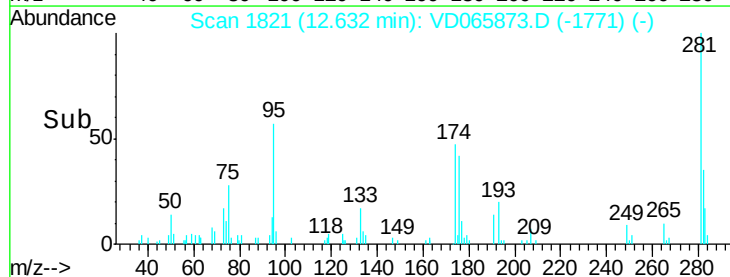
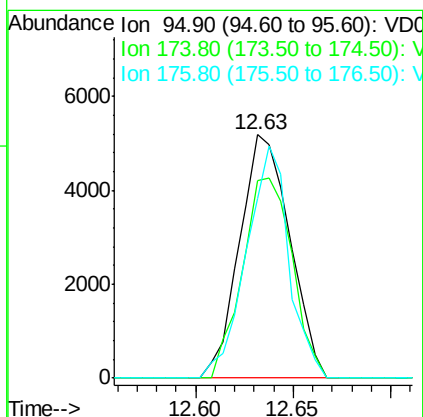
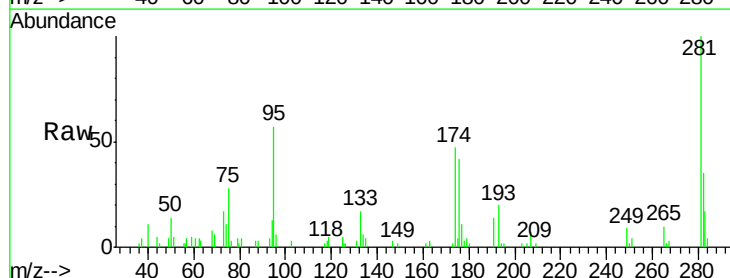
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

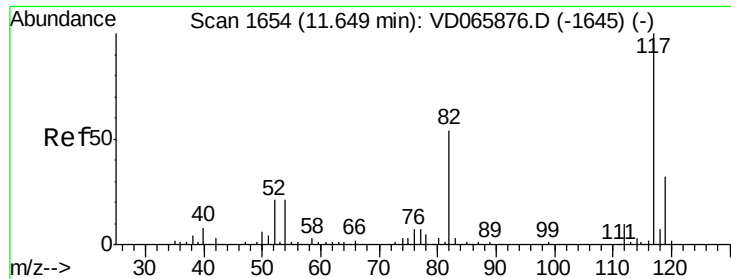
Tgt Ion: 107 Resp: 5389
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 5.003 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 95 Resp: 9223
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 158.4
 176 80.7 0.0 156.0

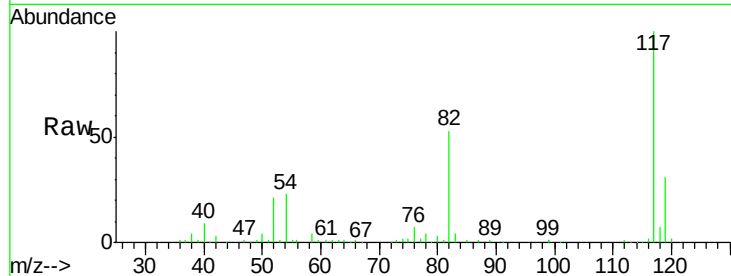




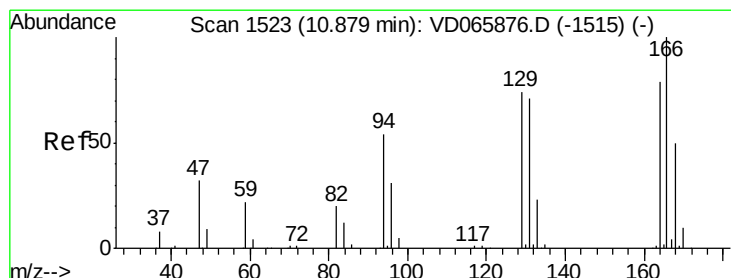
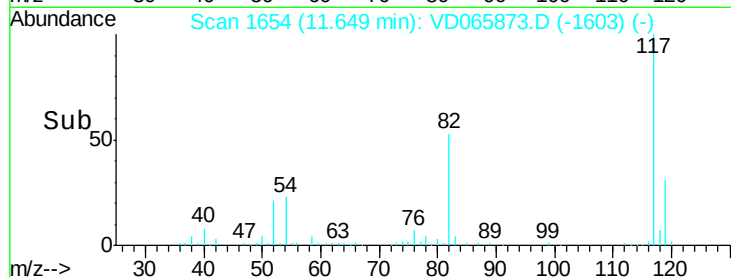
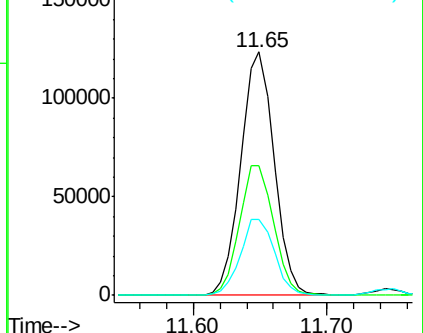
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 213918
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 31.2 25.9 38.9

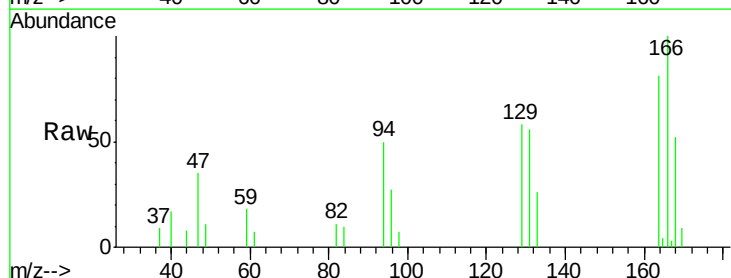


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

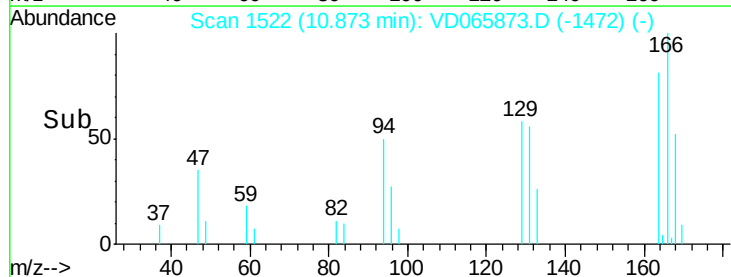
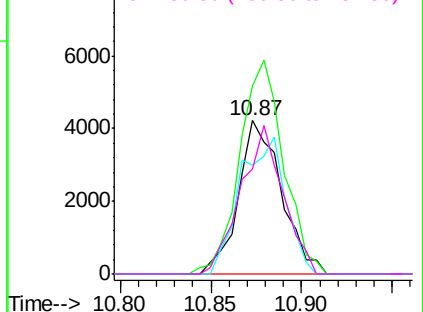


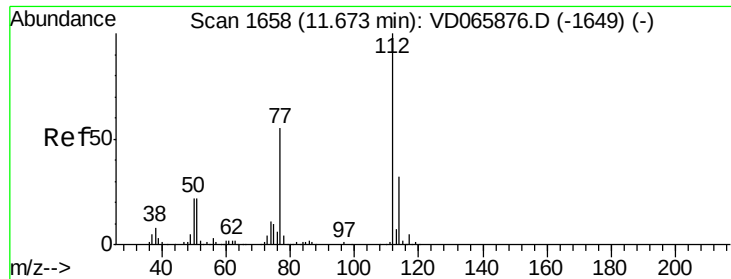
#64
Tetrachloroethene
Concen: 5.032 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion:164 Resp: 6998
Ion Ratio Lower Upper
164 100
166 123.2 101.3 151.9
129 71.2 74.5 111.7#
131 68.9 72.2 108.4#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

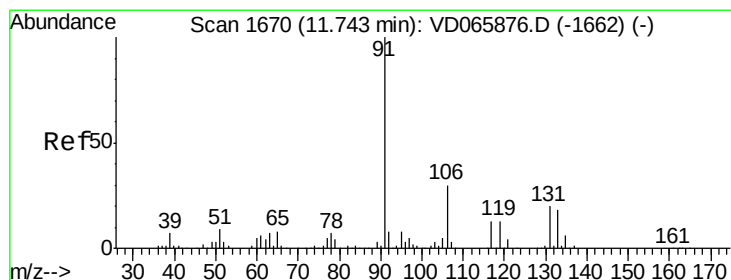
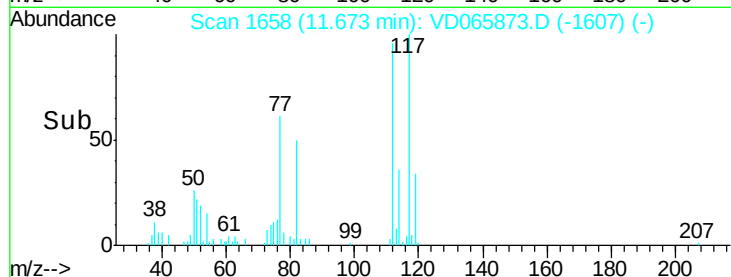
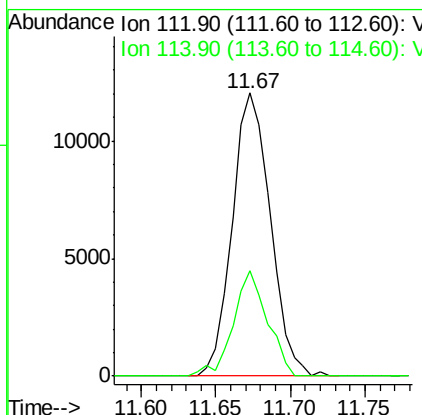
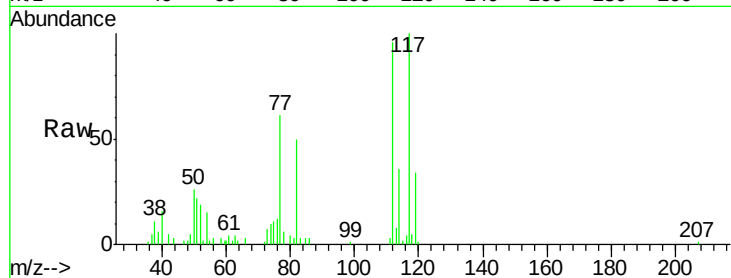




#65
Chlorobenzene
Concen: 5.075 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

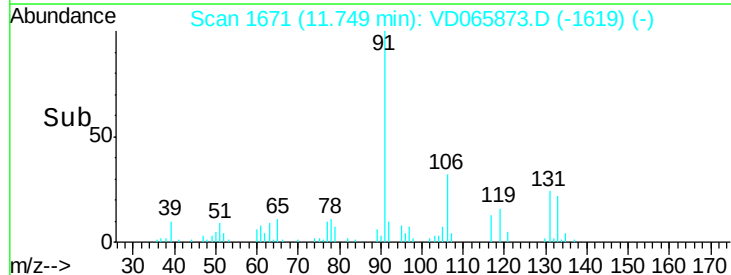
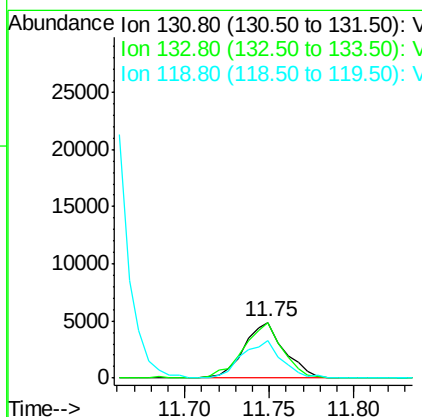
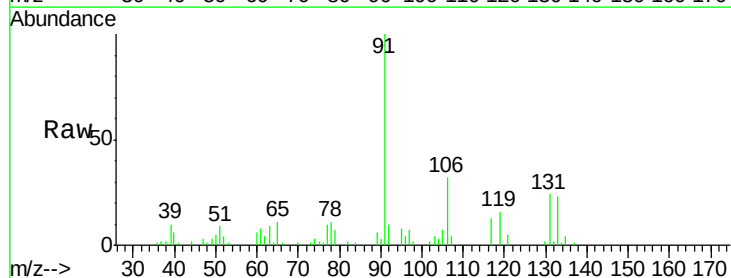
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

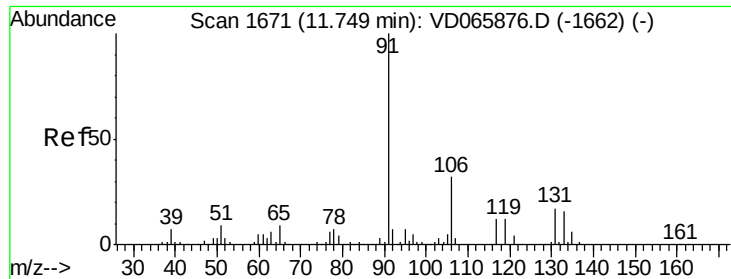
Tgt Ion:112 Resp: 21409
Ion Ratio Lower Upper
112 100
114 37.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.164 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion:131 Resp: 8071
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 66.2 33.0 98.9

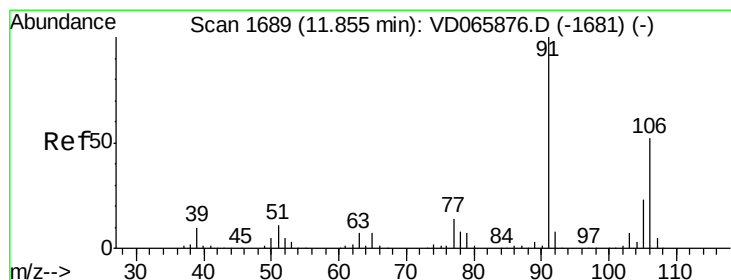
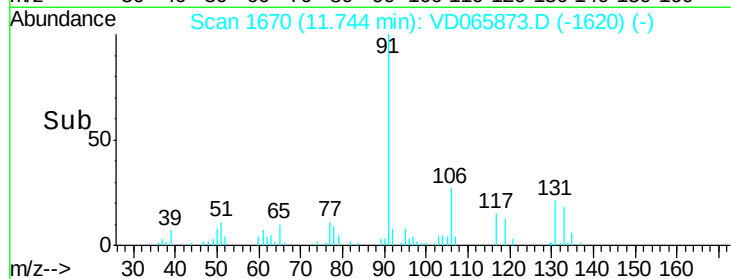
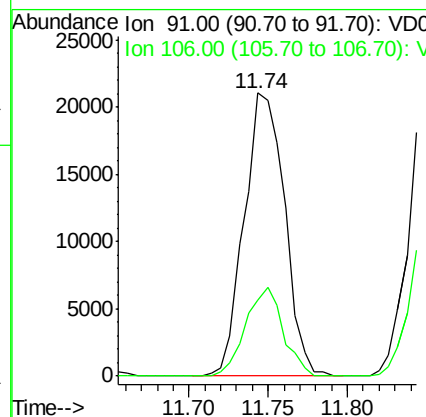
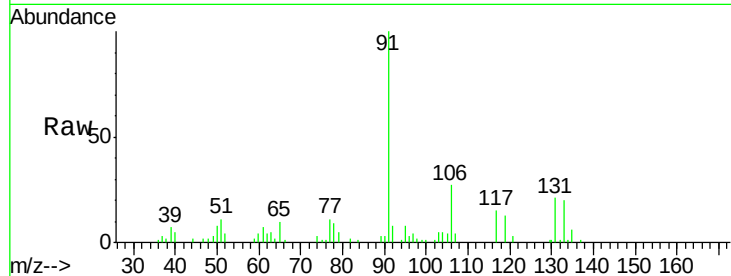




#67
Ethyl Benzene
Concen: 4.777 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

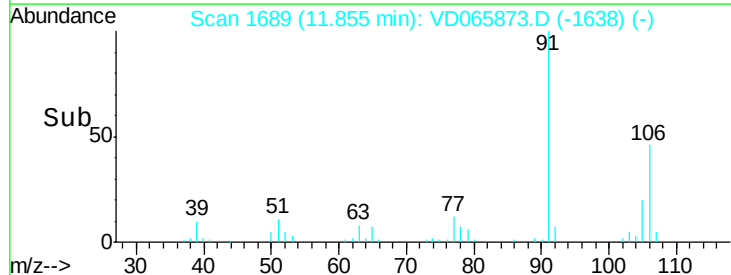
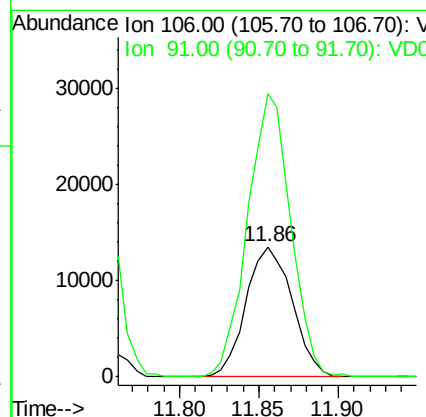
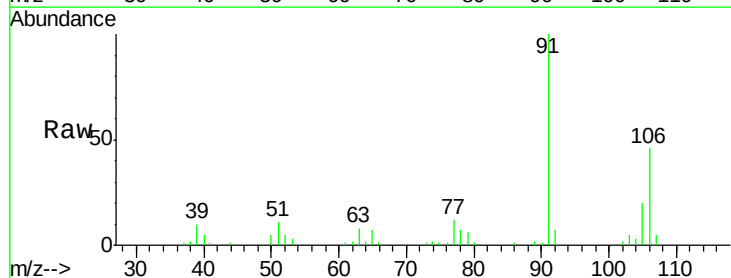
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

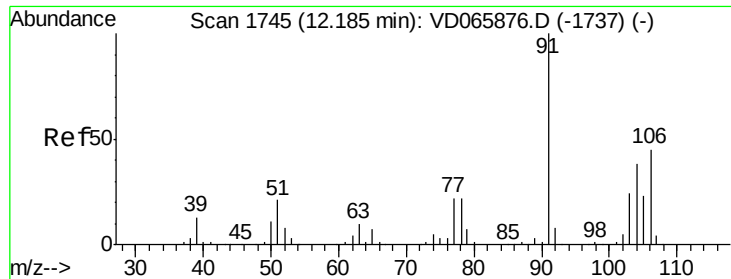
Tgt Ion: 91 Resp: 37368
Ion Ratio Lower Upper
91 100
106 26.9 25.3 37.9



#68
m/p-Xylenes
Concen: 9.170 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 106 Resp: 27363
Ion Ratio Lower Upper
106 100
91 202.7 159.5 239.3

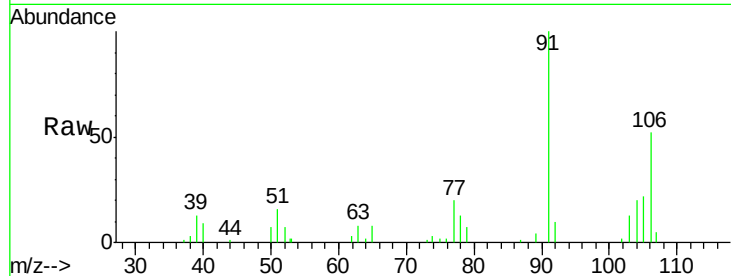




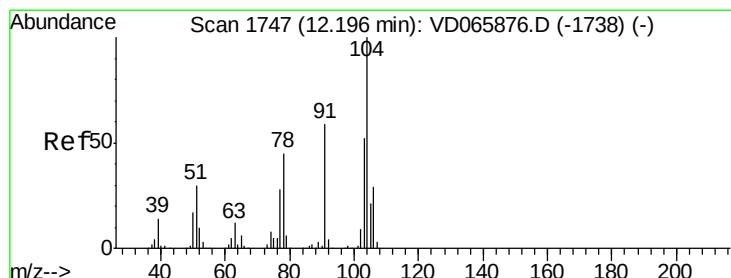
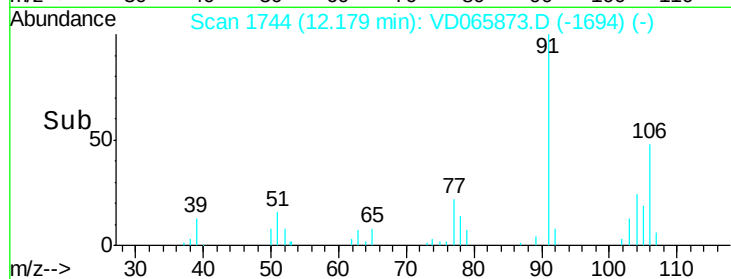
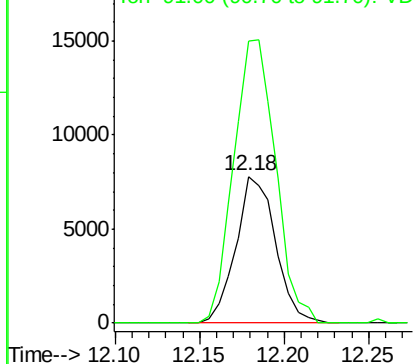
#69
o-Xylene
Concen: 4.752 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 12709
Ion Ratio Lower Upper
106 100
91 204.7 107.5 322.6

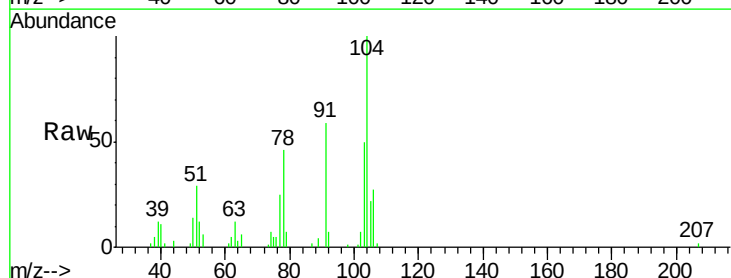


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

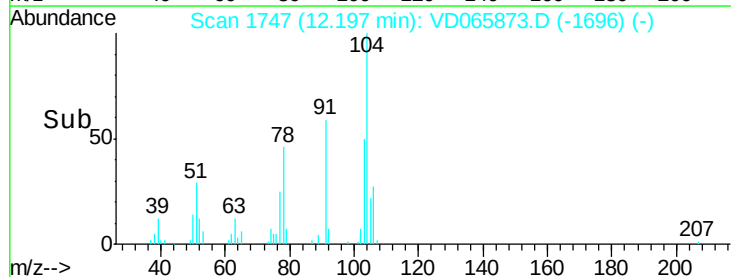
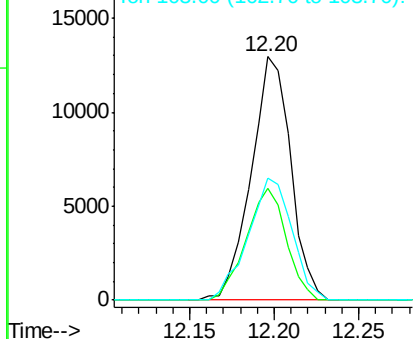


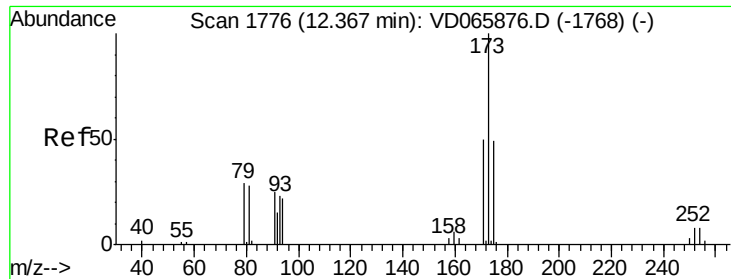
#70
Styrene
Concen: 4.502 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion:104 Resp: 21070
Ion Ratio Lower Upper
104 100
78 46.7 39.8 59.6
103 55.6 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V

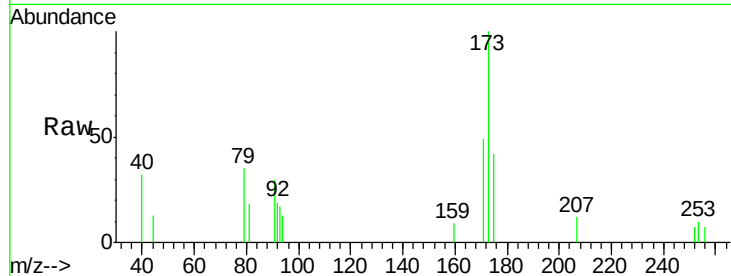




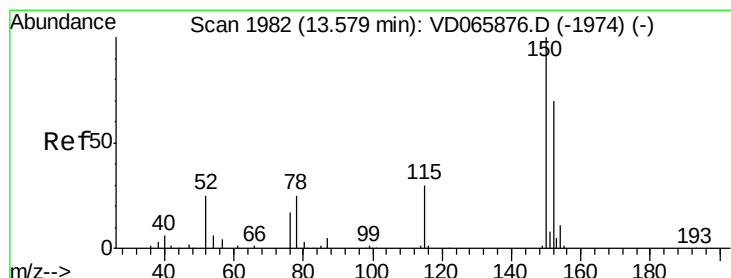
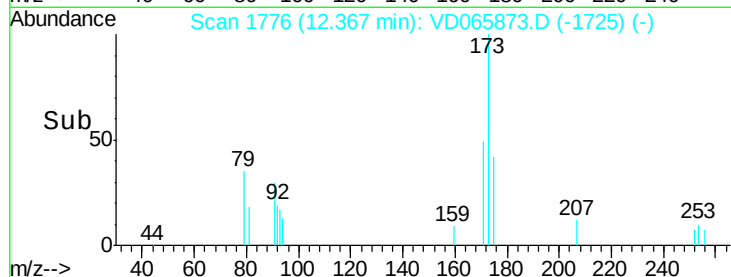
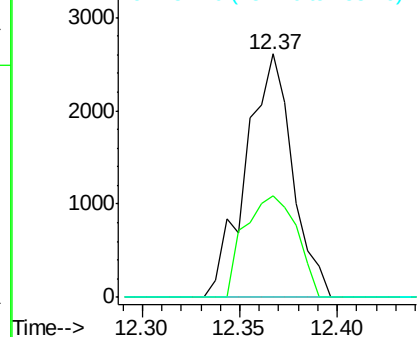
#71
Bromoform
Concen: 5.181 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 4314
Ion Ratio Lower Upper
173 100
175 46.8 23.9 71.8
254 0.0 0.0 0.0

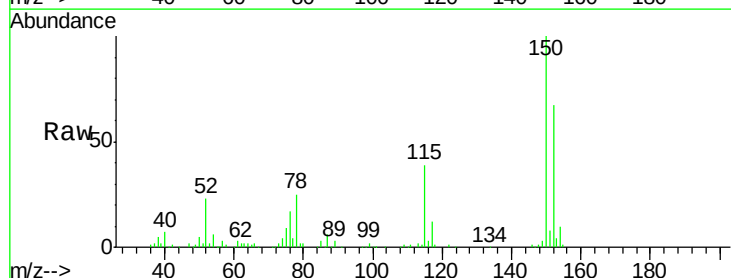


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

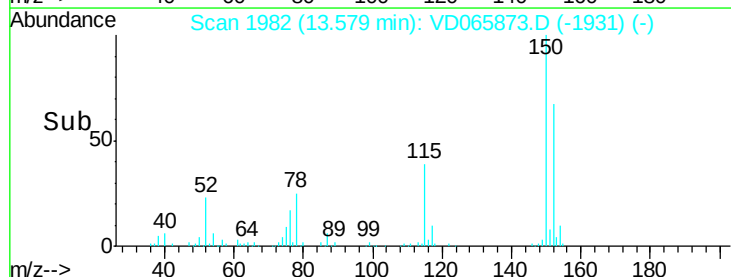
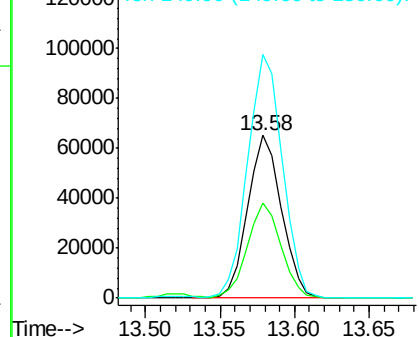


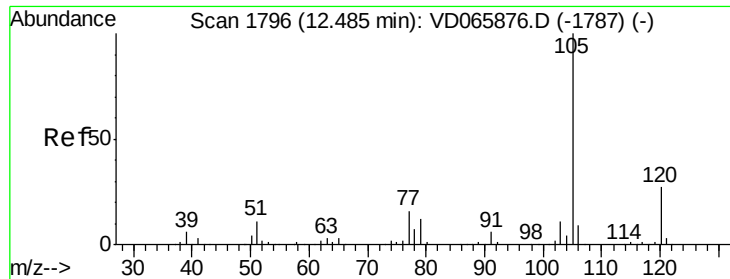
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion:152 Resp: 101908
Ion Ratio Lower Upper
152 100
115 58.6 29.7 89.1
150 154.8 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.637 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

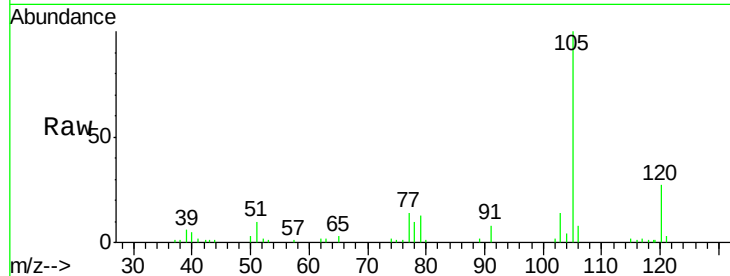
VSTDIC005

Tgt Ion: 105 Resp: 33797

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

0

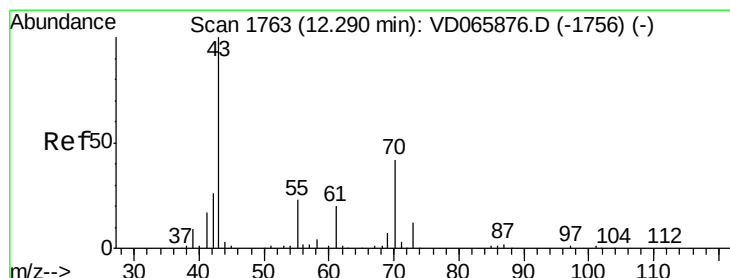
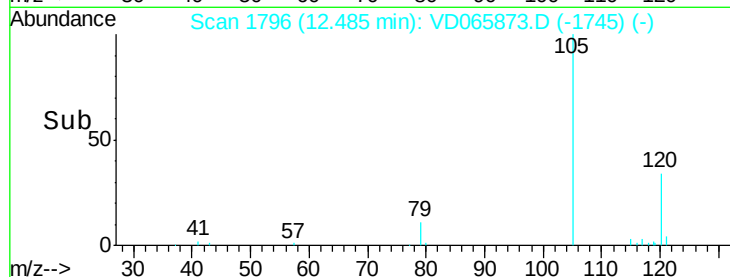
12.48

12.45

12.50

12.55

Time-->



#74

N-ethyl acetate

Concen: 4.687 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Tgt Ion: 43 Resp: 7459

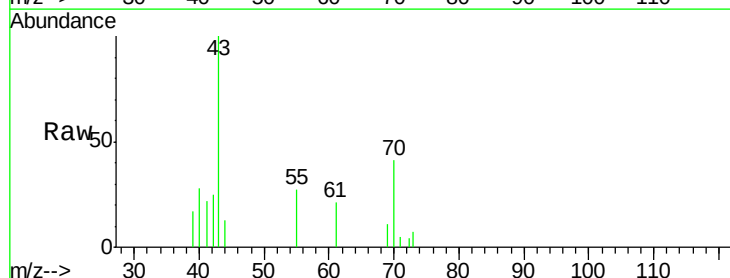
Ion Ratio Lower Upper

43 100

70 34.7 32.5 48.7

55 24.8 18.7 28.1

61 18.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

6000

4000

2000

0

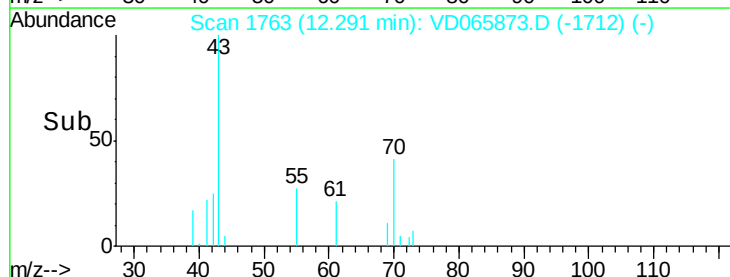
12.29

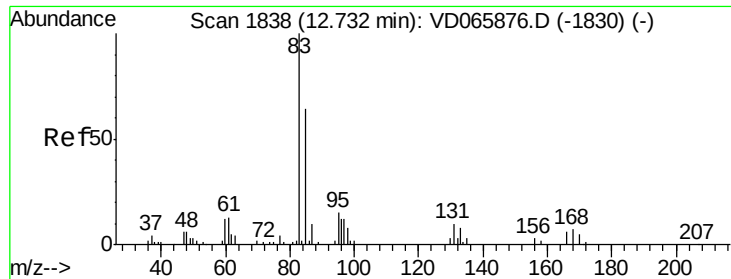
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.012 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

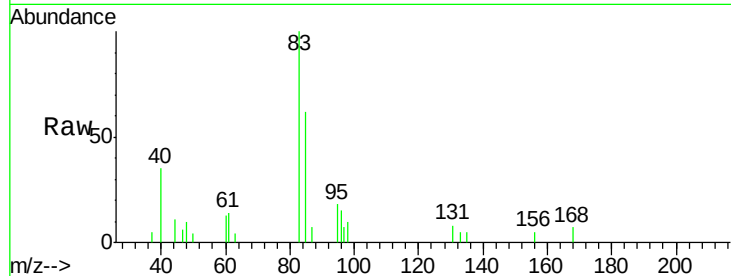
Tgt Ion: 83 Resp: 6022

Ion Ratio Lower Upper

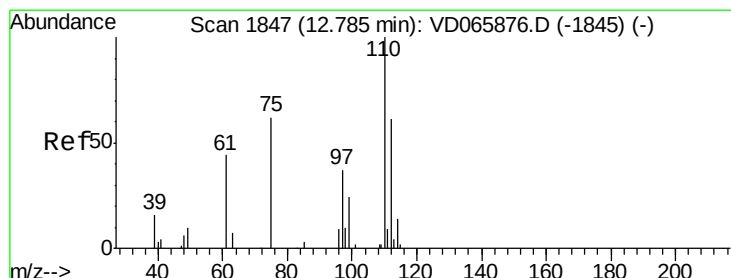
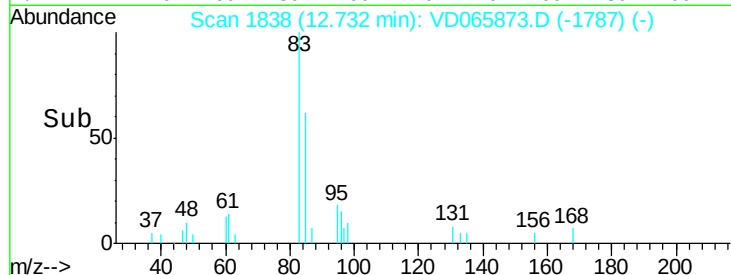
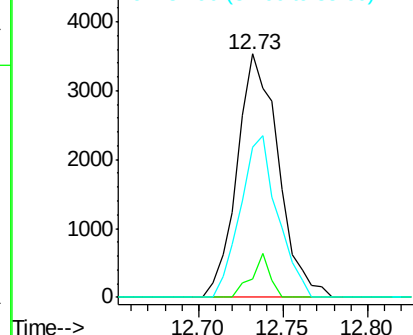
83 100

131 8.0 5.5 16.4

85 59.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 3.872 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.02 min

Lab File: VD065873.D

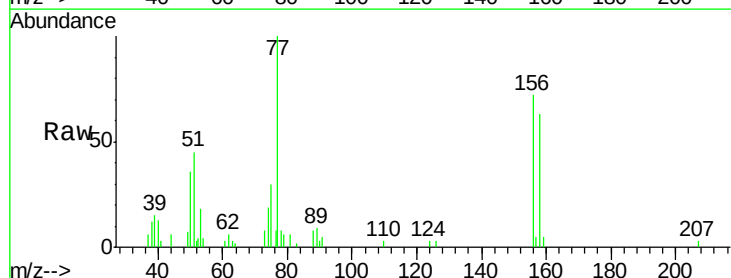
Acq: 26 Jun 2020 10:44

Tgt Ion: 75 Resp: 3271

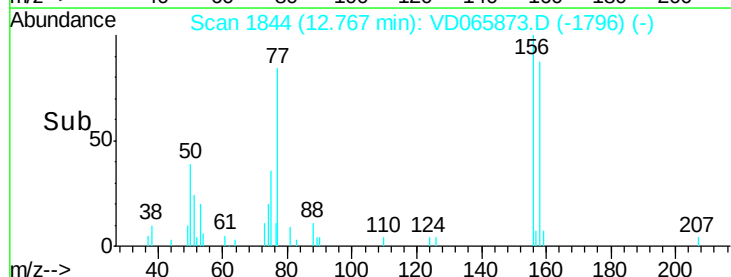
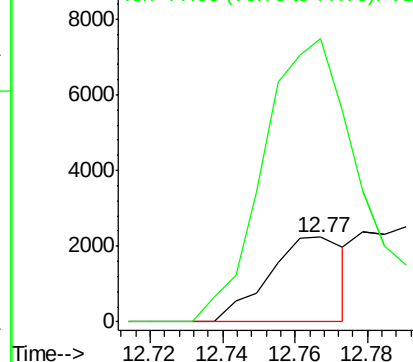
Ion Ratio Lower Upper

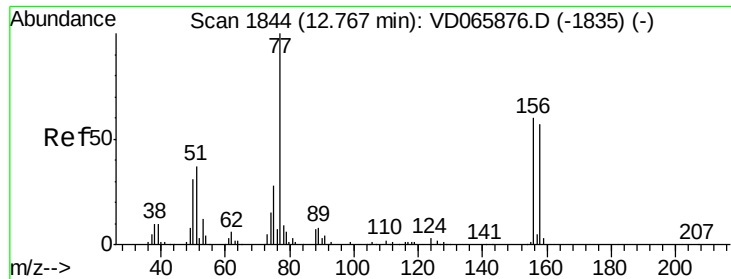
75 100

77 432.8 168.5 505.5



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 5.185 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

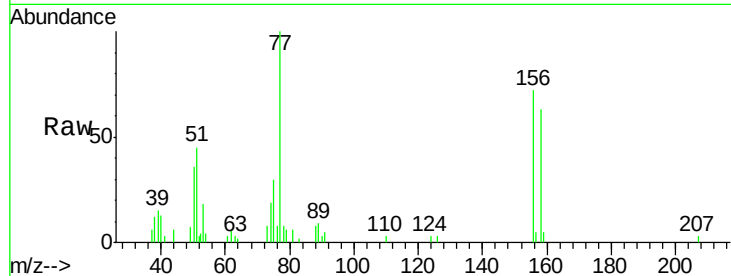
Tgt Ion:156 Resp: 8506

Ion Ratio Lower Upper

156 100

77 166.4 90.5 271.5

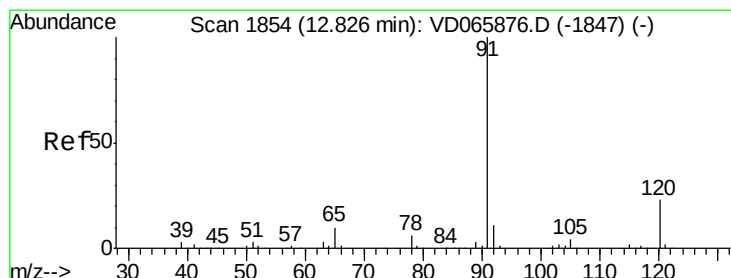
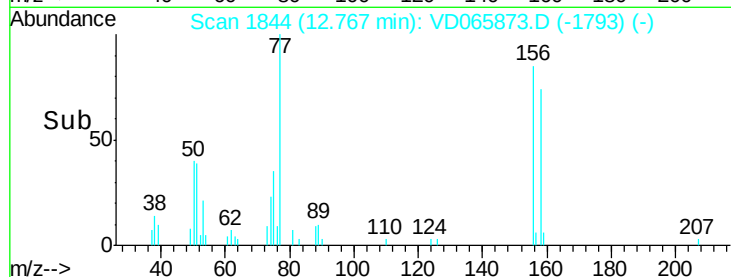
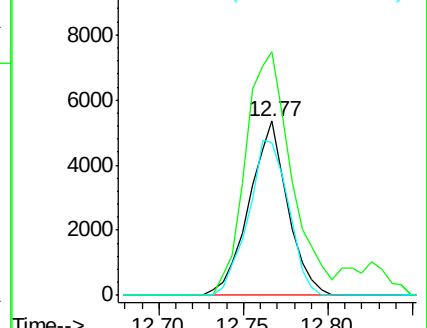
158 92.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.703 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065873.D

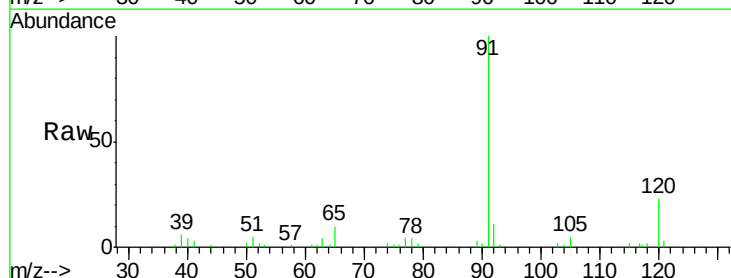
Acq: 26 Jun 2020 10:44

Tgt Ion: 91 Resp: 41389

Ion Ratio Lower Upper

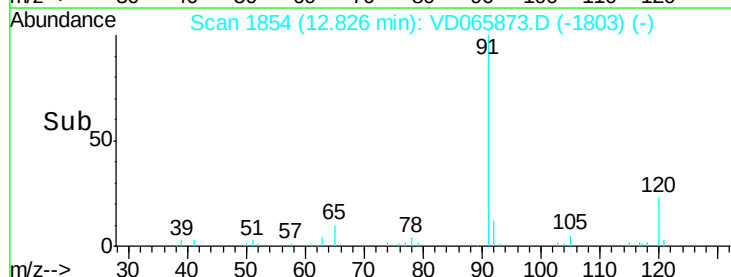
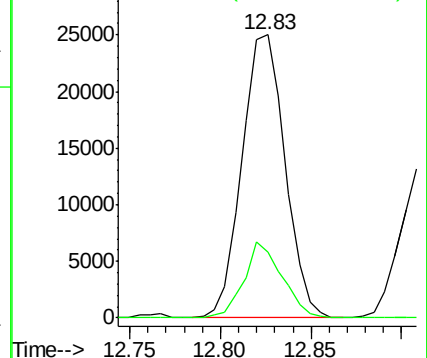
91 100

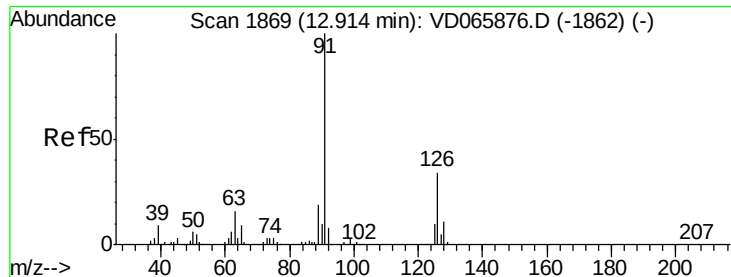
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.682 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

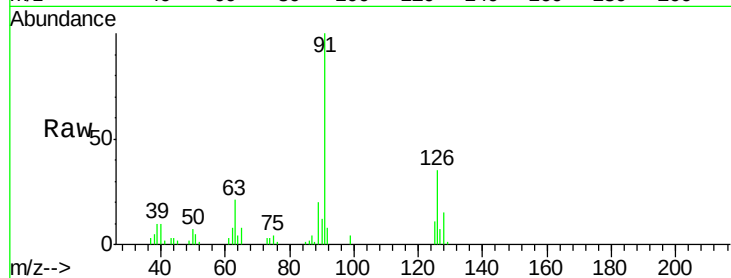
VSTDIC005

Tgt Ion: 91 Resp: 22642

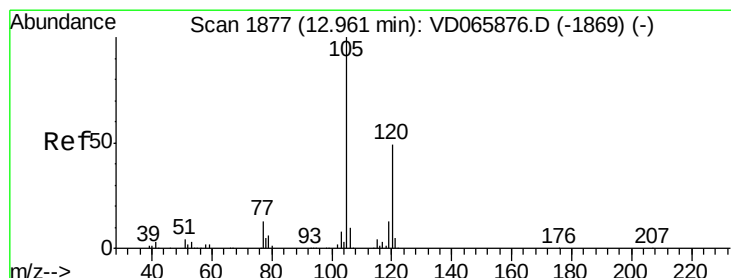
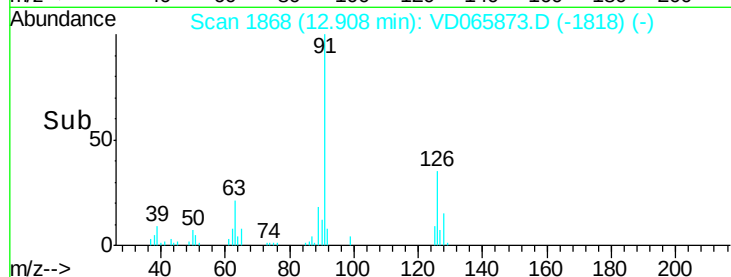
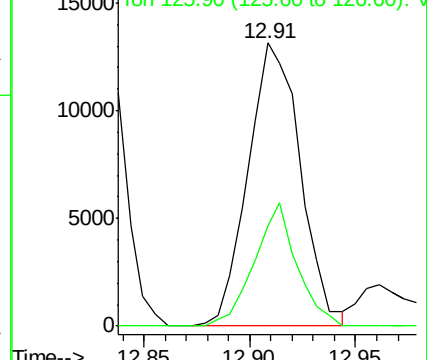
Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 4.750 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065873.D

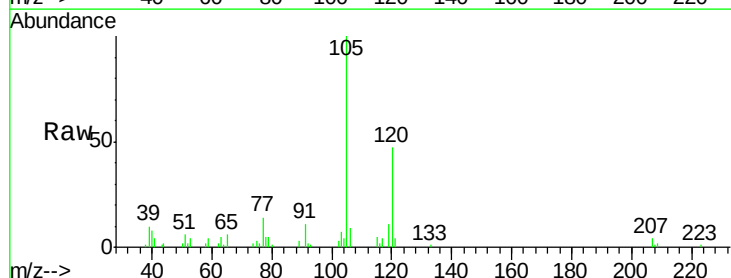
Acq: 26 Jun 2020 10:44

Tgt Ion: 105 Resp: 28845

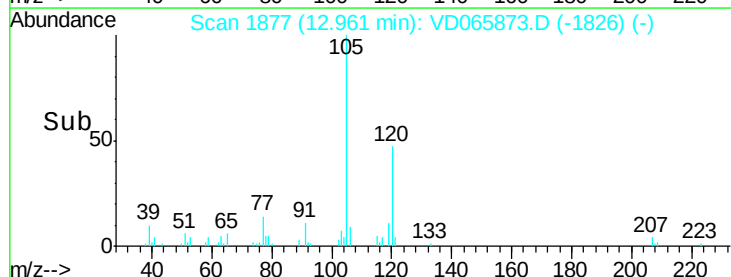
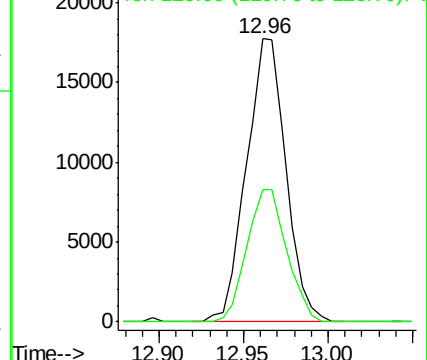
Ion Ratio Lower Upper

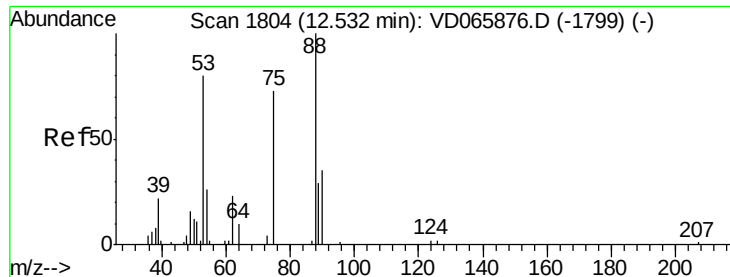
105 100

120 47.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.616 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

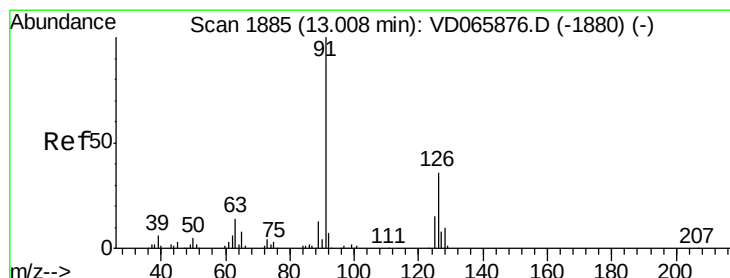
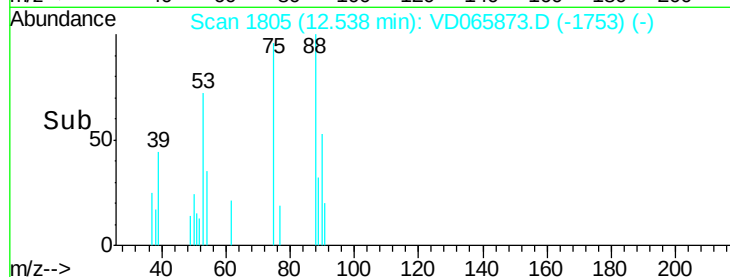
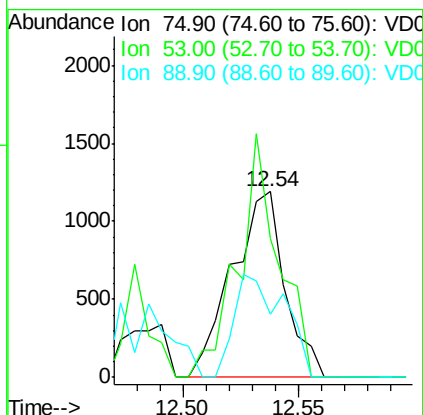
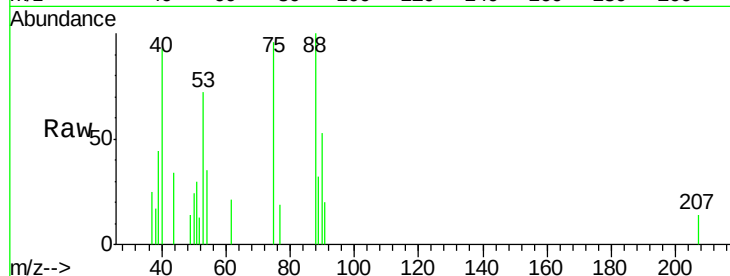
Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

53 99.9 80.6 121.0

89 52.2 36.5 54.7



#82

4-Chlorotoluene

Concen: 4.630 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065873.D

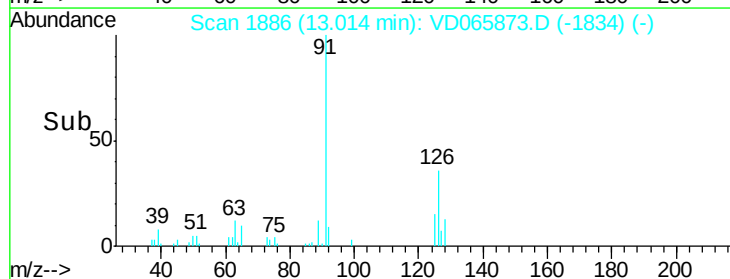
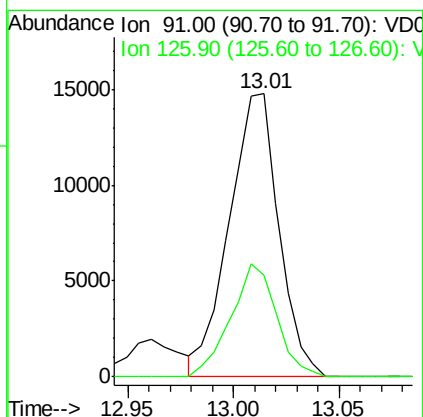
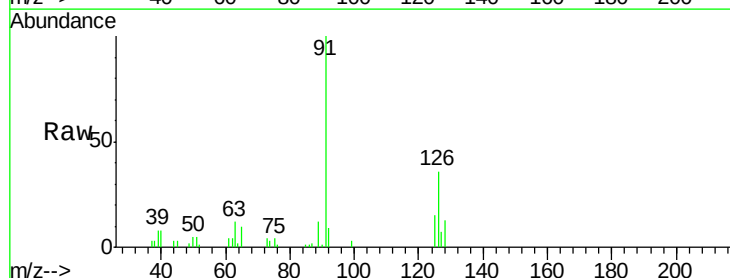
Acq: 26 Jun 2020 10:44

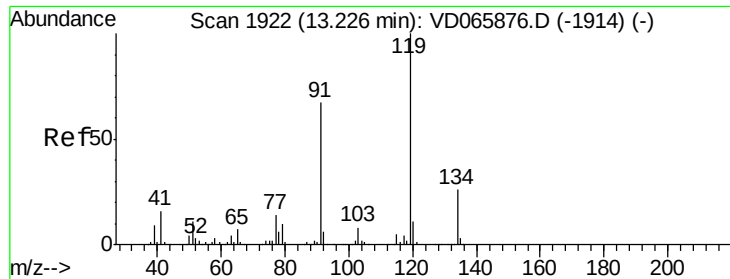
Tgt Ion: 91 Resp: 24078

Ion Ratio Lower Upper

91 100

126 36.8 16.6 49.8

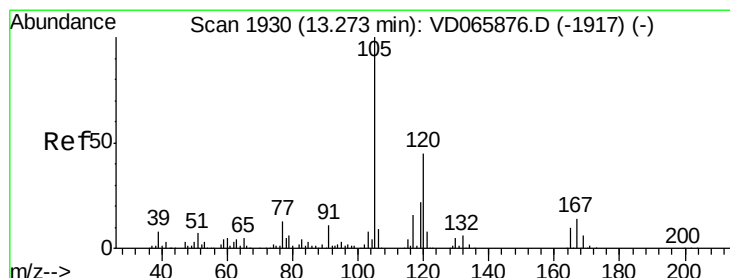
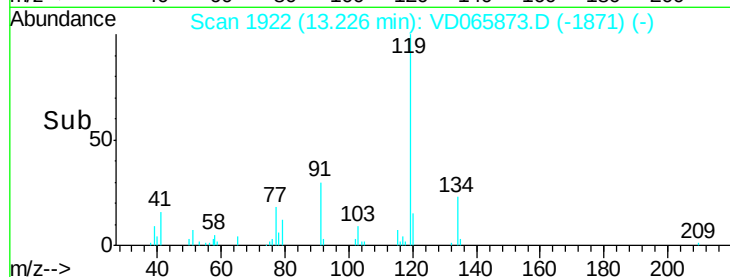
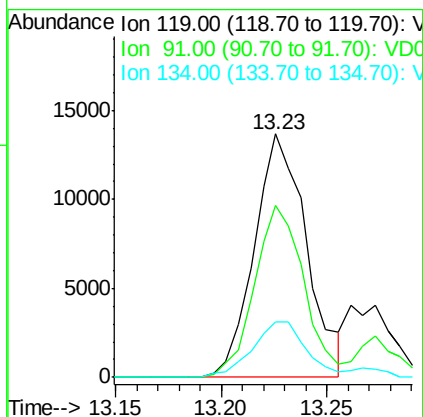
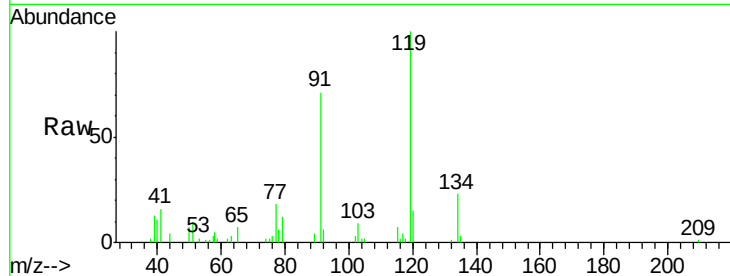




#83
 tert-Butylbenzene
 Concen: 4.570 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

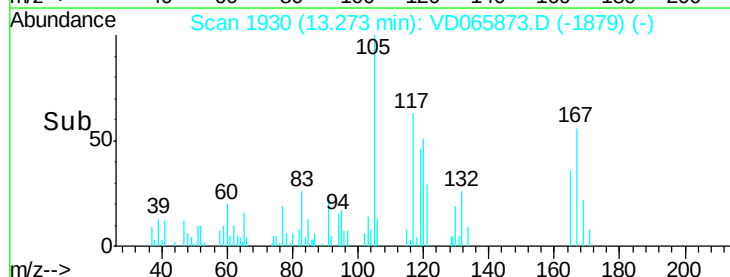
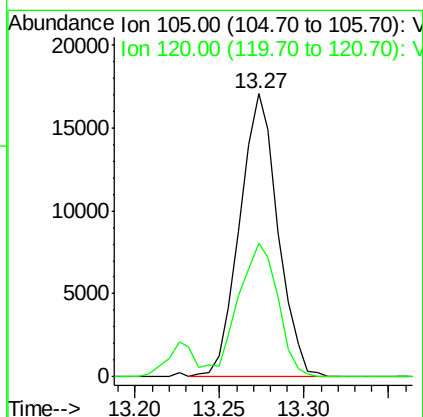
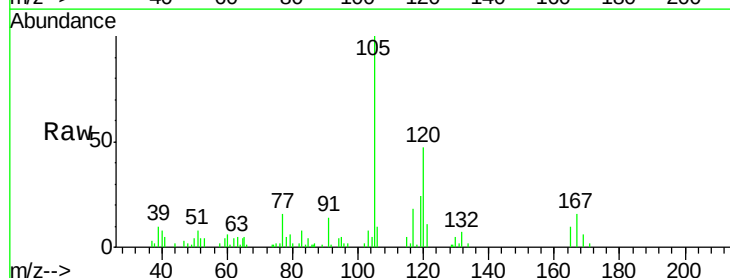
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

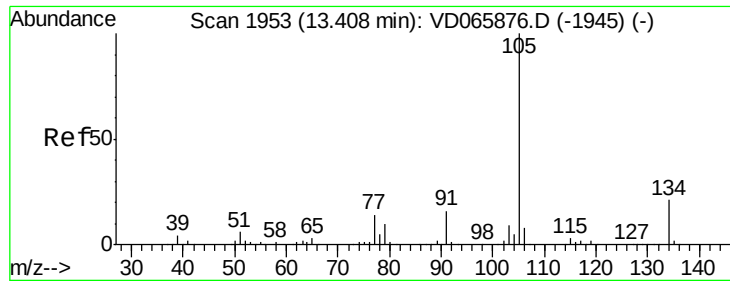
Tgt Ion:119 Resp: 23589
 Ion Ratio Lower Upper
 119 100
 91 66.5 32.2 96.6
 134 23.4 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.447 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion:105 Resp: 26871
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.0 69.0

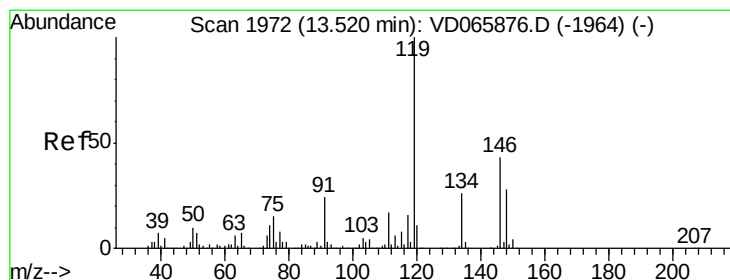
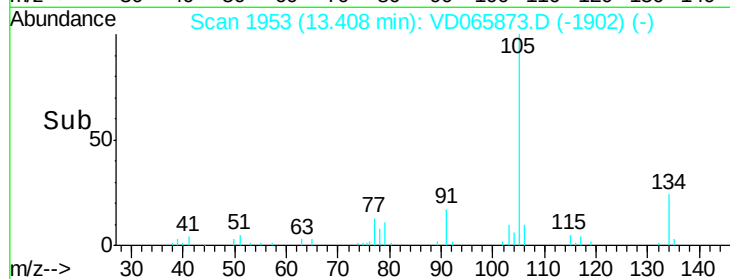
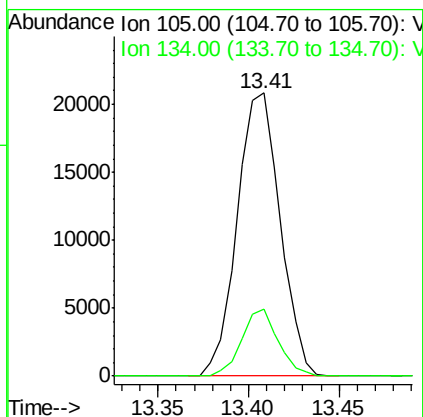
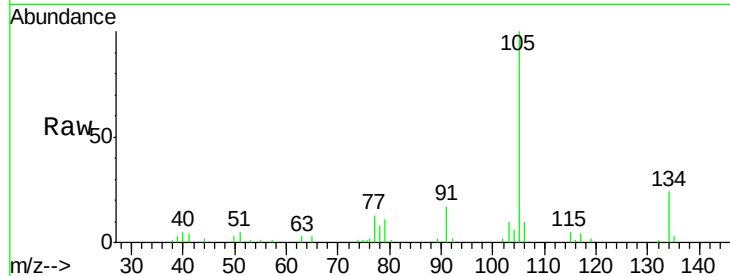




#85
 sec-Butylbenzene
 Concen: 4.717 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

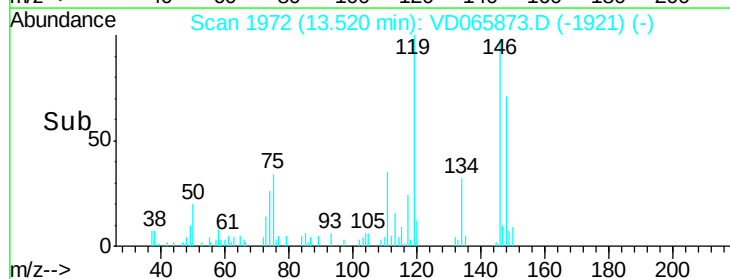
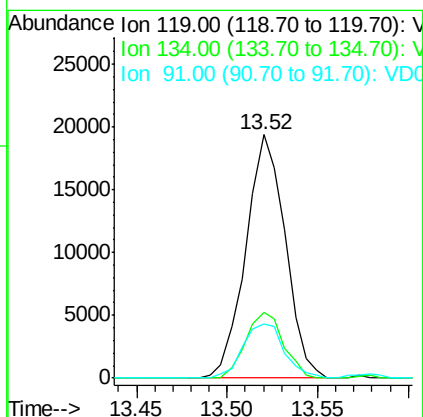
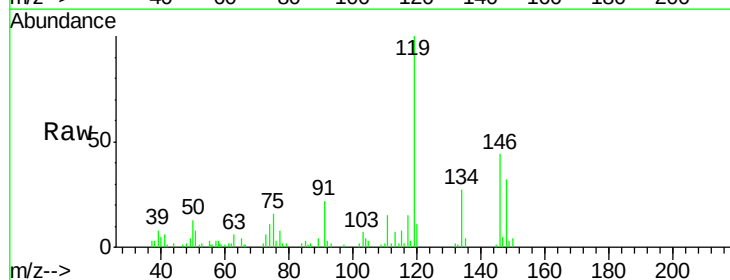
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

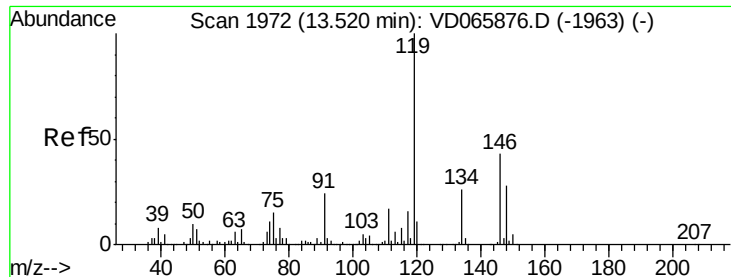
Tgt Ion:105 Resp: 34394
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.377 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion:119 Resp: 29310
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.4 40.1
 91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 4.914 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

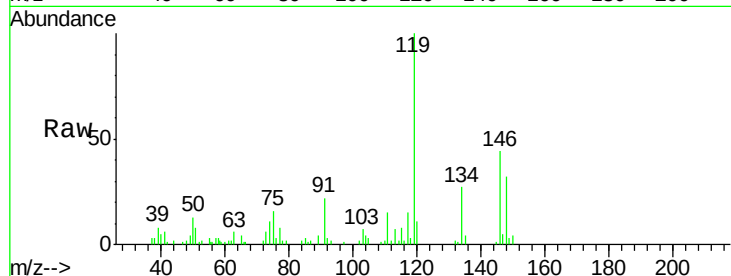
Tgt Ion:146 Resp: 15703

Ion Ratio Lower Upper

146 100

111 35.8 19.4 58.4

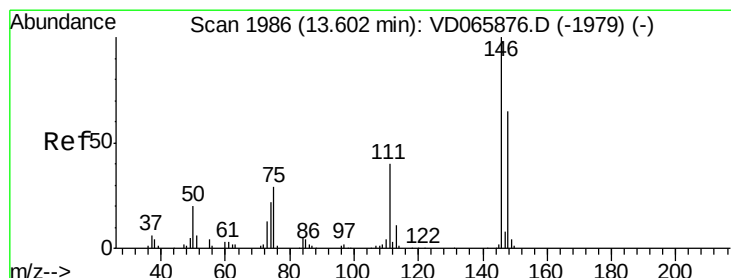
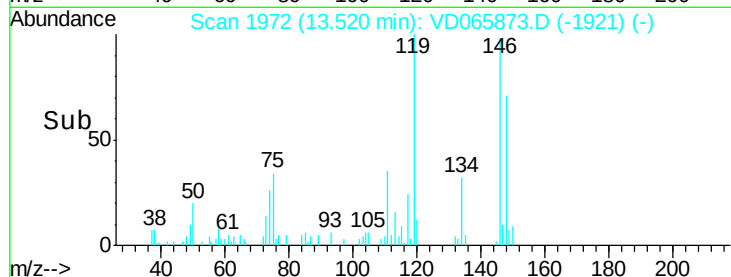
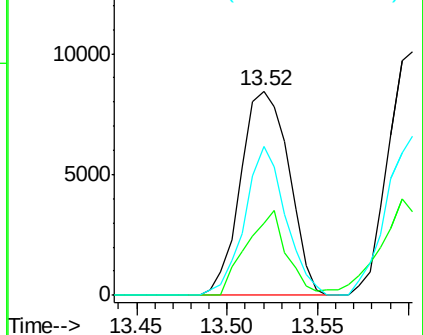
148 61.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.988 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065873.D

Acq: 26 Jun 2020 10:44

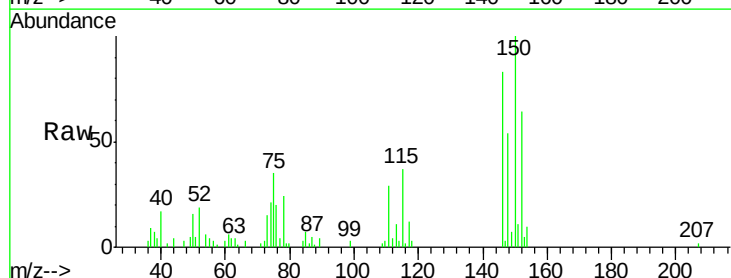
Tgt Ion:146 Resp: 15934

Ion Ratio Lower Upper

146 100

111 46.7 19.9 59.6

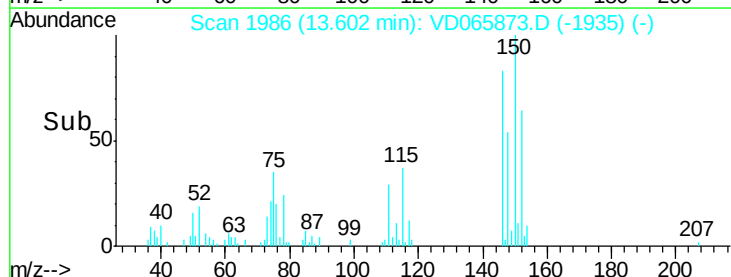
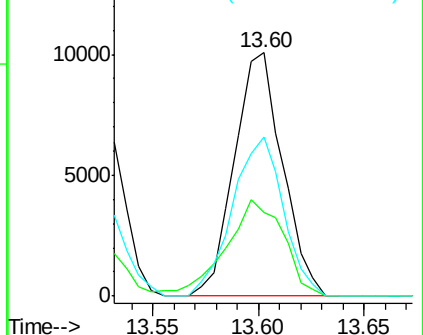
148 69.1 32.5 97.4

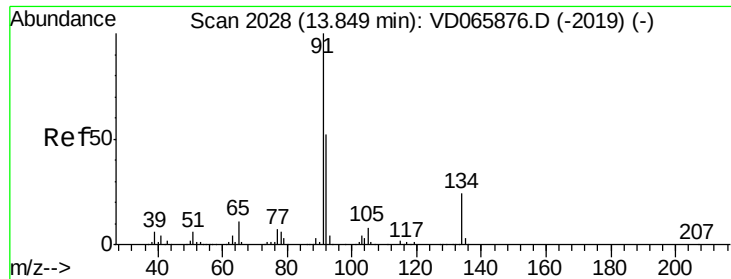


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

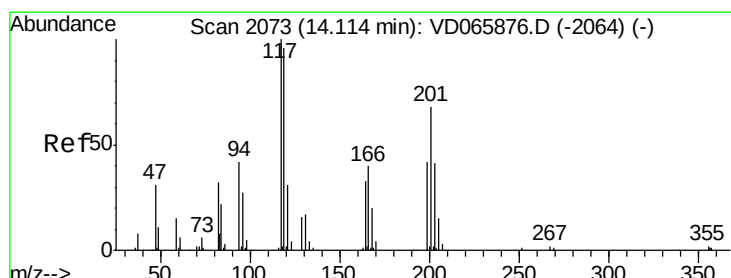
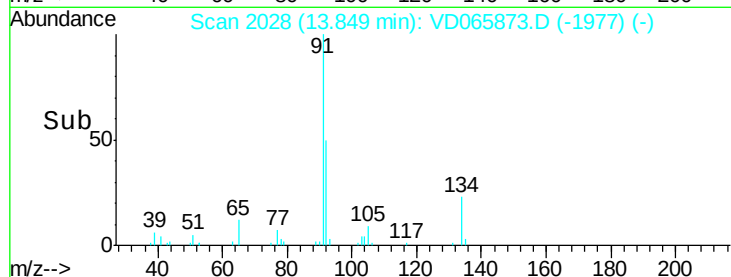
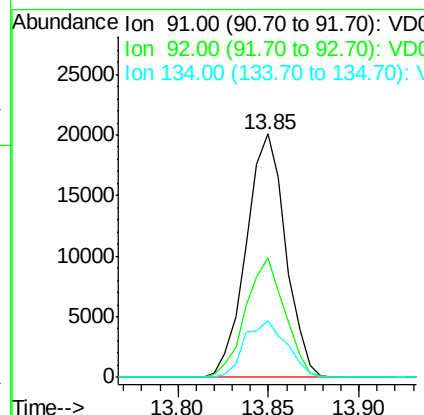
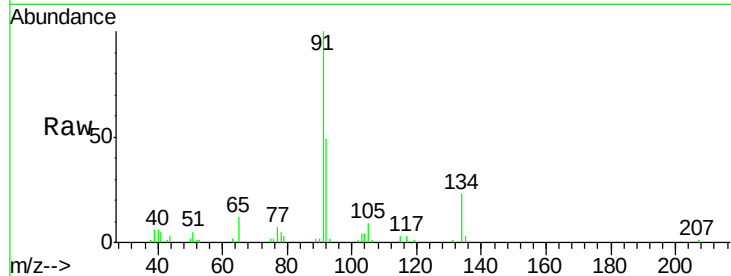




#89
n-Butylbenzene
Concen: 4.671 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

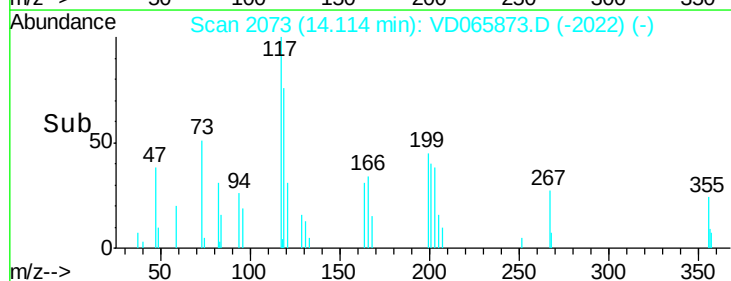
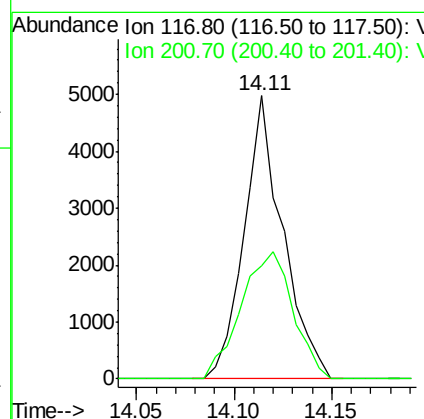
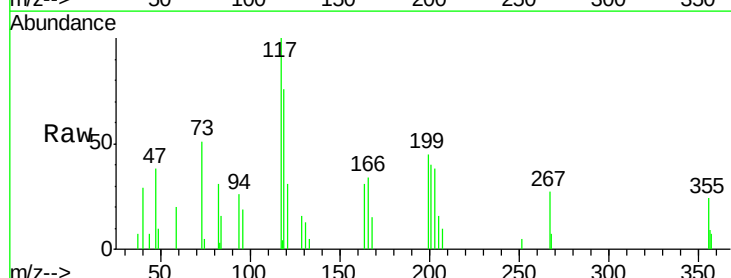
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

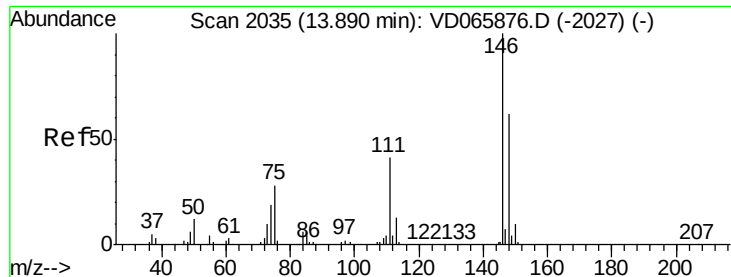
Tgt Ion: 91 Resp: 30323
Ion Ratio Lower Upper
91 100
92 48.8 26.5 79.4
134 24.6 12.4 37.2



#90
Hexachloroethane
Concen: 5.052 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion: 117 Resp: 6820
Ion Ratio Lower Upper
117 100
201 60.7 35.1 105.5

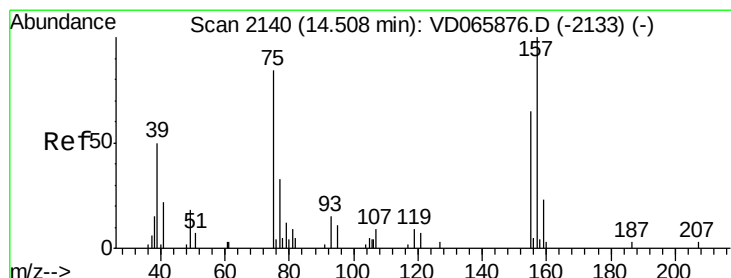
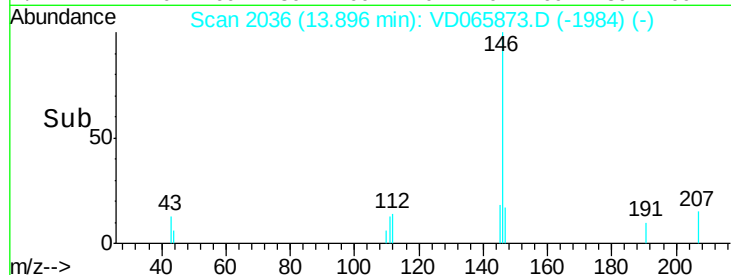
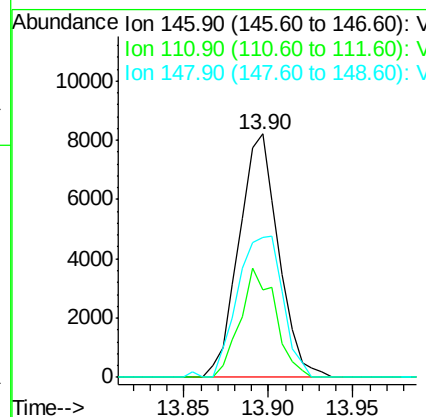
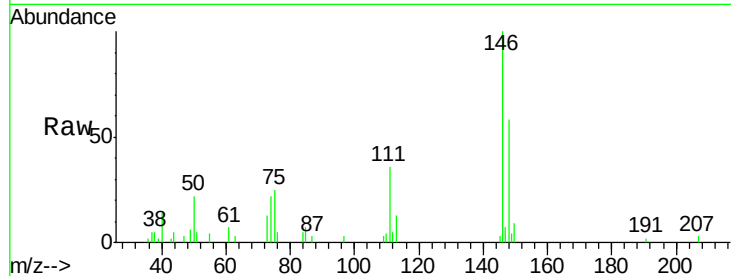




#91
 1,2-Dichlorobenzene
 Concen: 4.797 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

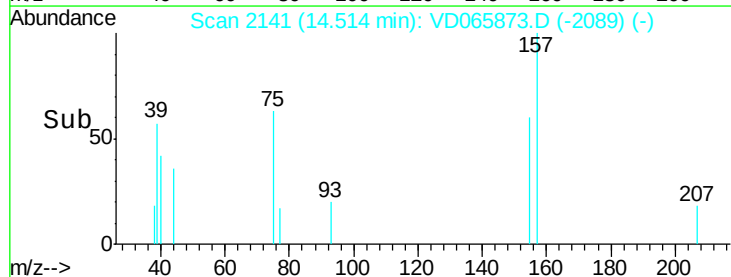
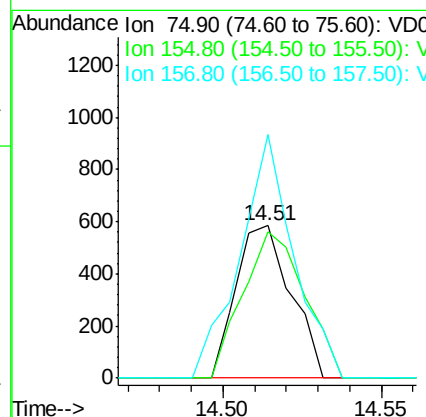
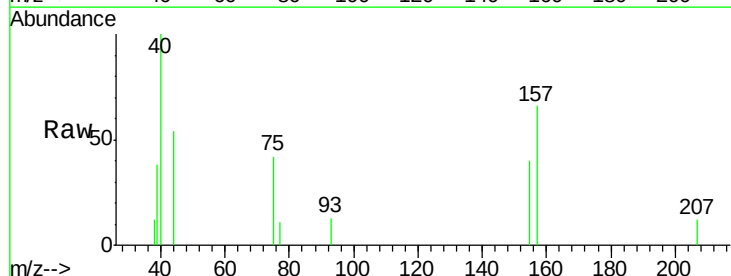
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

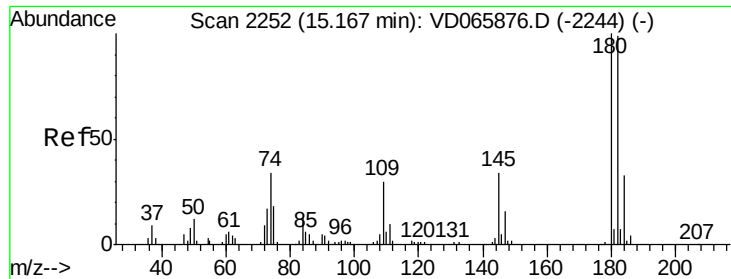
Tgt Ion:146 Resp: 13395
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.8 62.4
 148 66.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.637 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion: 75 Resp: 700
 Ion Ratio Lower Upper
 75 100
 155 108.3 37.8 113.3
 157 156.6 50.6 151.8#

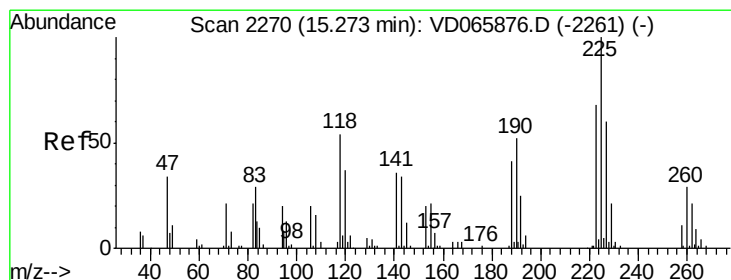
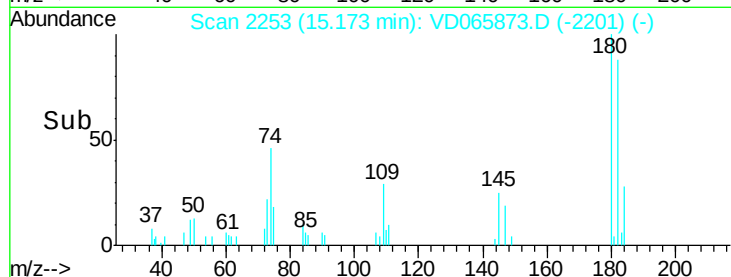
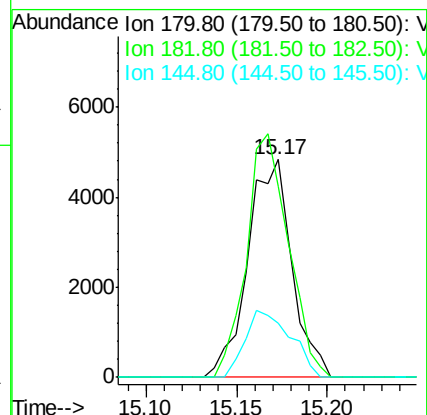
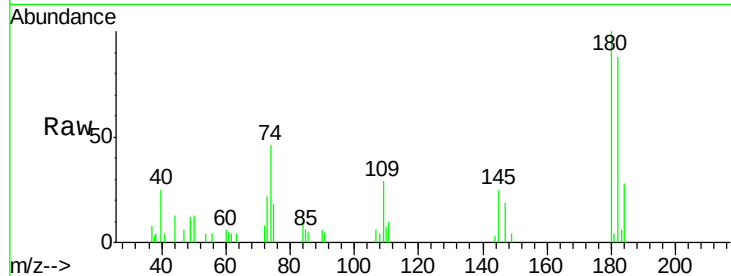




#93
 1,2,4-Trichlorobenzene
 Concen: 4.540 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

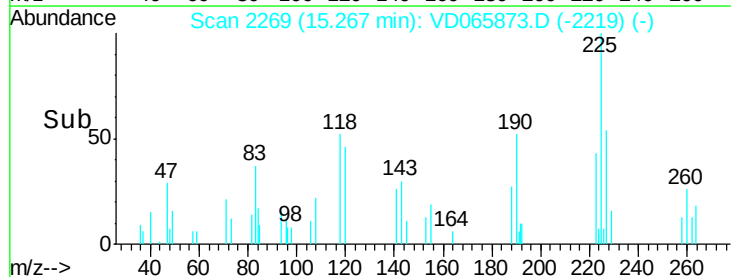
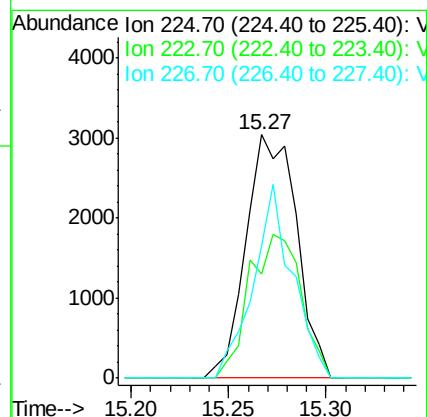
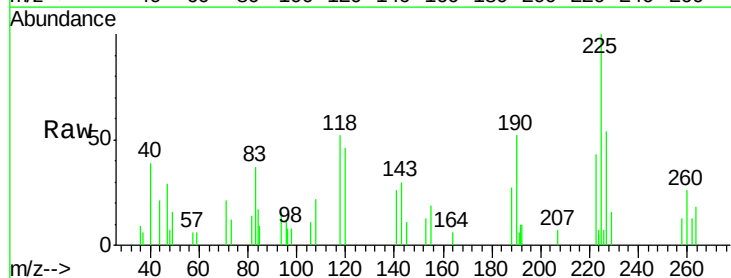
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

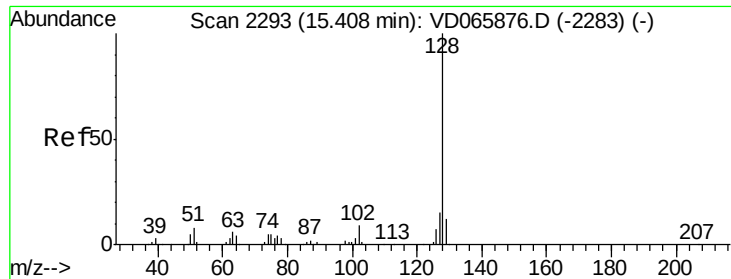
Tgt Ion:180 Resp: 8190
 Ion Ratio Lower Upper
 180 100
 182 105.7 47.7 143.1
 145 31.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 5.509 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD065873.D
 Acq: 26 Jun 2020 10:44

Tgt Ion:225 Resp: 5467
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.3 93.8
 227 61.4 30.1 90.3

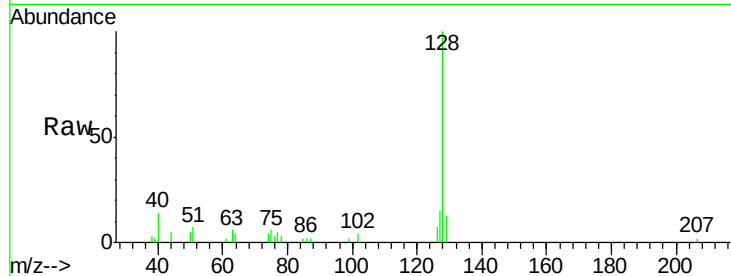




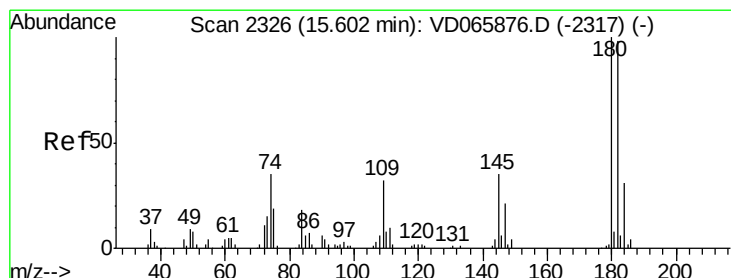
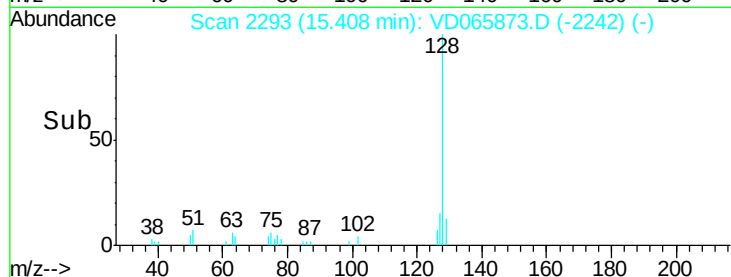
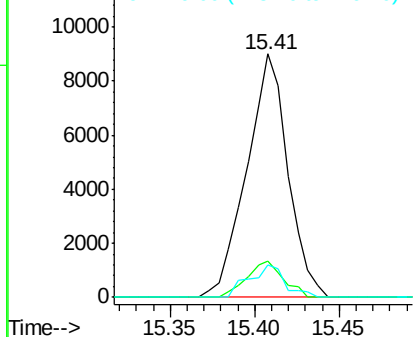
#95
Naphthalene
Concen: 4.865 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 15278
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.6 8.8 13.2

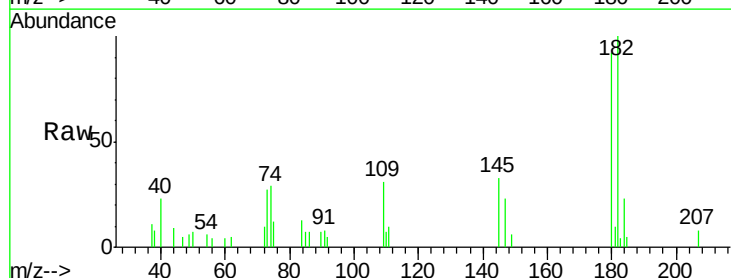


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.719 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065873.D
Acq: 26 Jun 2020 10:44

Tgt Ion:180 Resp: 7033
Ion Ratio Lower Upper
180 100
182 97.3 48.9 146.6
145 37.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

